

21 ELMI E STRANI COPRICAPI ORIGAMI



FRANCO PAVARIN

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FRANCO BONDI

PRESENTAZIONE

Mascherarsi è un gioco che piace a tutti i bambini, e mettersi qualcosa sulla testa è un gesto per loro spontaneo, per assumere un ruolo di un certo personaggio.

Piacciono particolarmente ai maschietti i copricapi guerreschi, come cappelli militari o elmi antichi.

In questo libro si presentano 7 copricapi con forma d'animale, 7 di personaggi vari e 7 di elmi antichi.

La tecnica è quella tradizionale origami e quindi non si fa uso di colla e forbici.

Generalmente si adopera carta pesante o cartoncino monocoloro, di formato quadrato.

Le stellette rosse posizionate lateralmente ai titoli indicano la difficoltà di realizzazione; alcuni modelli sono indicati per essere costruiti anche dagli stessi bambini.

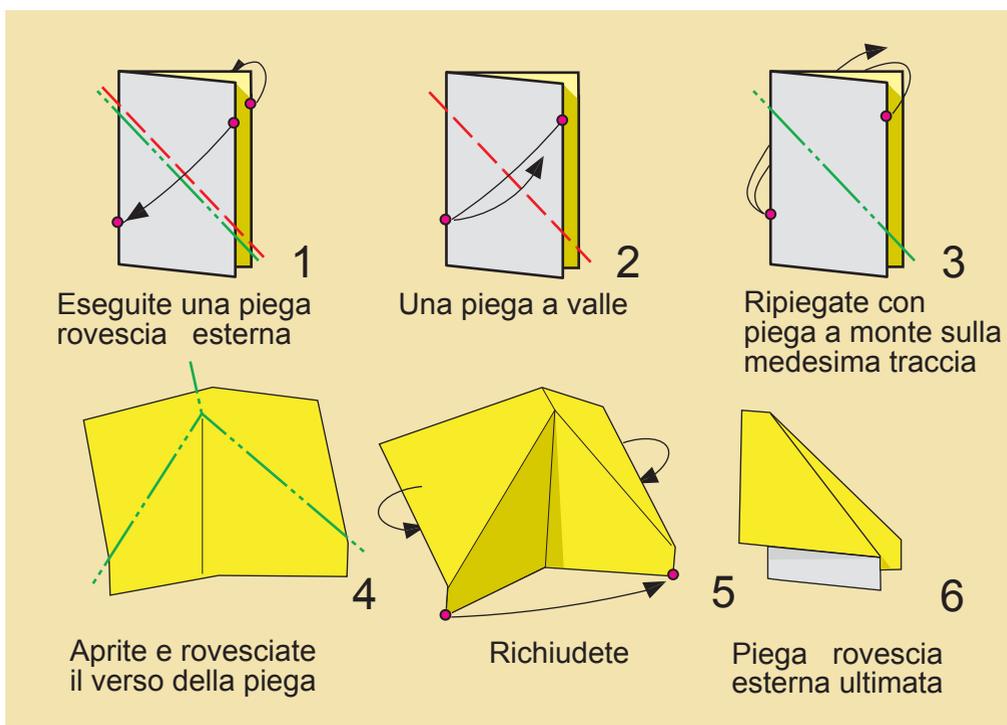
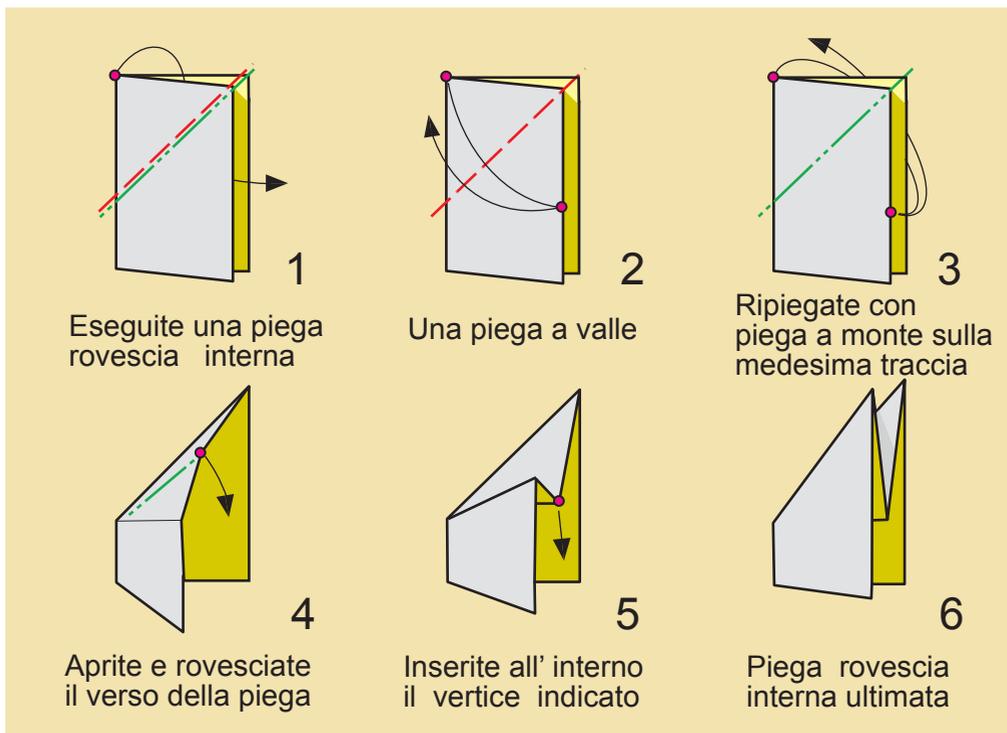
Luglio 2019

Franco Pavarin

Simbologia origami

	Indicazione	Risultato 3D
<p>----- Piega a valle (piega bassa) Pliegue en Valle</p>		
<p>----- Piega a monte (piega alta) Pliegue en Montaña</p>		
<p>↪ Piegate ruotando verso l'alto Plegar hacia adelante</p>		
<p>↪ Piegate ruotando verso il basso Plegar hacia atrás</p>		
<p>↺ Ruotate, piegate e riportate alla posizione iniziale Doblar y Desdoblar</p>		
<p>↻ Ribaltate sull'asse verticale Dar la vuelta al papel sobre el eje vertical</p>		
<p>↻ Ribaltate sull'asse orizzontale Dar la vuelta al papel sobre el eje horizontal</p>		
<p>↻ Ruotate di 180° Girar 180°</p>		
<p>➡ Figura ingrandita Visión aumentada</p>		

Realizzazione delle pieghe rovesce



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PUBBLICAZIONI DI FRANCO PAVARIN

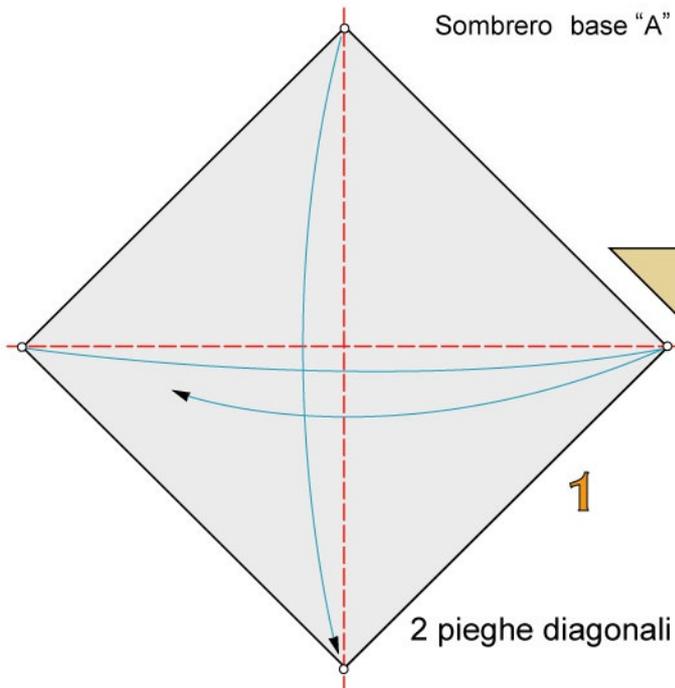
Aerei , jet ed astronavi di carta volanti	IL CASTELLO	1986
Origami animati	“	1987
Origami maschere animate	”	1988
Decorazioni modulari con origami modulati	“	1989
Origami motoscafi navi barche e velieri	”	1990
Origami scatole e contenitori	“	1990
Pieghe forme e colori	”	1994
Aerei e navi di carta	FABBRI	1996
Fold and fly Paper airplanes	STERLING PUBLISHING	1998
Manuale rapido di aerei di carta volanti	FABBRI	2000
Aerei di carta 17 modelli volanti inediti	IL CASTELLO	2001
Aviones voladores	TUTOR S.A.	2003
17 modelos ineditos de aviones voladores	“	2004
Naves voladoras	”	2006
Quaderni Quadrato magico n.20 e 48	CDO	
Maschere, elmi e copricapi	web	2010
Maschere trasformabili	web	2011
21 nuovi aerei origami volanti	web	2014
Maschere origami 3D volume 1	web	2014
Maschere origami 3D volume 2	web	2015
Legorigami 1 -Q.Quadrato Magico n.56	CDO	2015
Composizione modulare 1	web	2016
Manuale dell'architetto origamista	web	2016
13 moduli origami aggregabili	web	2017
Nastri alfabetici	web	2018

Cappello-base "A" ★★

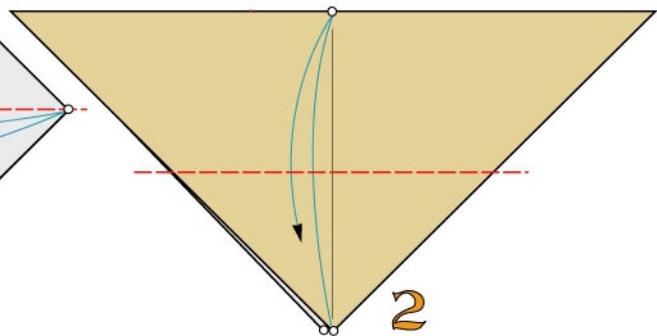
Questo è il modello base per costruire i cappelli e sul quale vanno montati gli accessori per fargli assumere una forma specifica.

Adoperate fogli quadrati di carta robusta o cartoncino leggero di dimensione cm 45-48 per adulti e 35-40 per bambini.

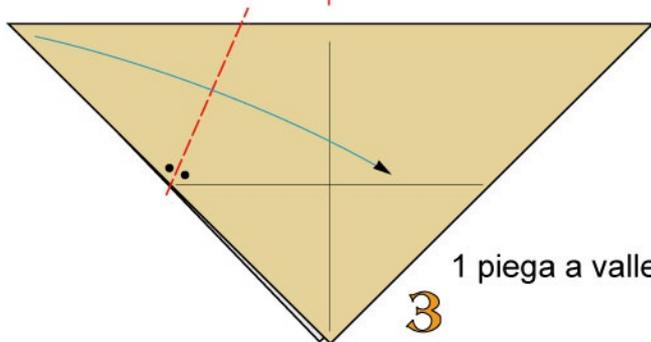
Sombrero base "A" Este es el modelo base para hacer sombreros en los cuales se insertan accesorios para darles una forma determinada.
Usar cuadrados de alto gramaje o cartulina.
Tamaño entre 45-48 cm de lado, para adultos y entre 35 40 cm. para niños.



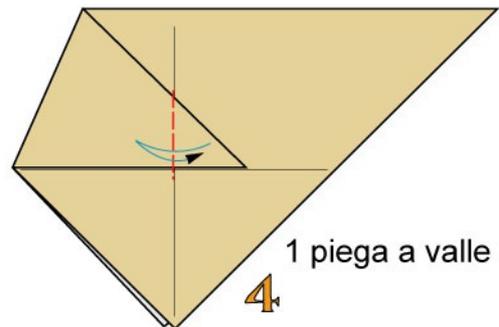
2 pieghe diagonali a valle



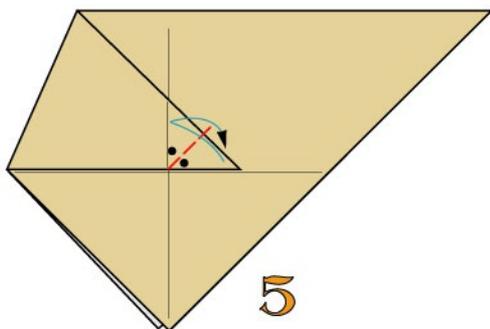
1 piega a valle



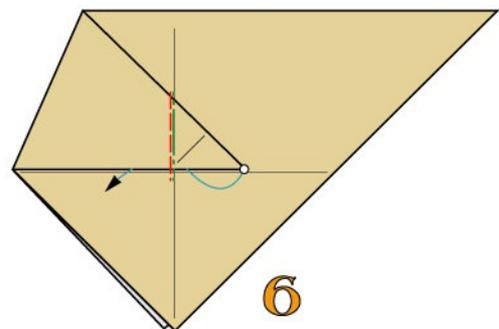
1 piega a valle



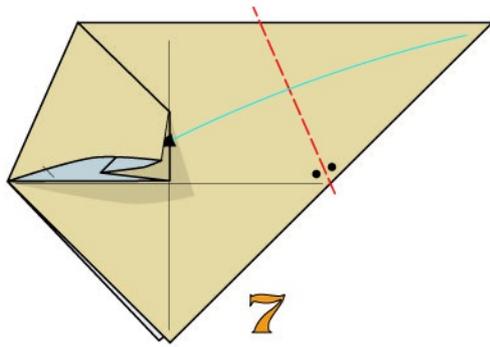
1 piega a valle



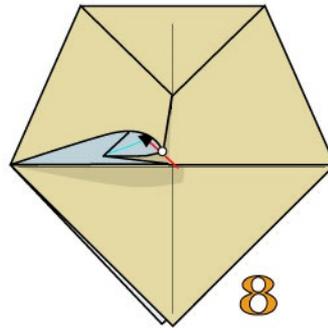
1 piega bisettrice a valle



1 piega rovescia interna

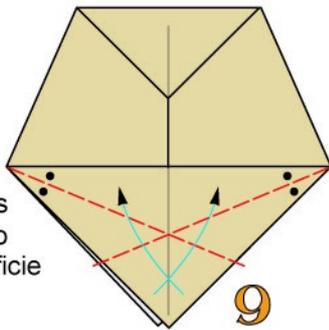


1 piega bisettrice a valle ed intascate



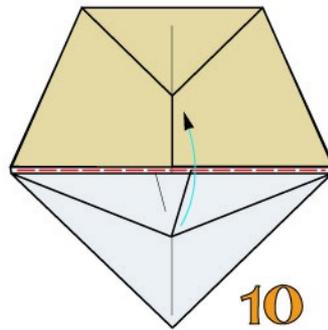
1 pliegue interno para bloquear la unión.

1 piega a valle interna per bloccare l'unione

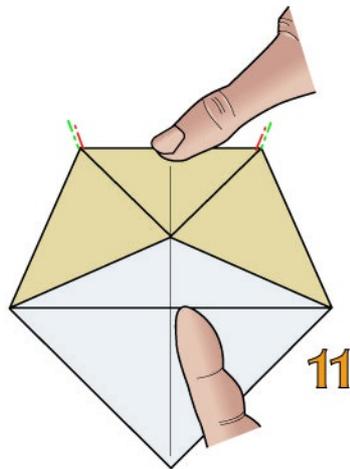


2 bisectrices en valle sólo en la superficie que se ve.

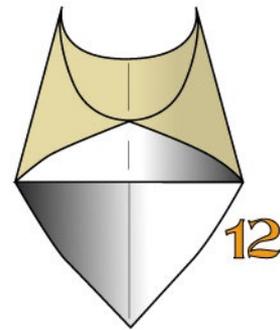
2 pieghe bisettrici a valle solo sulla sup. in vista



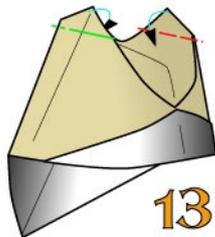
1 piega a valle



Modellate 3D comprimendo la parte superiore e contemporaneamente aprendo inferiormente

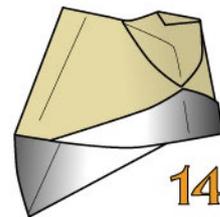


Dar forma en 3D comprimiéndola parte superior mientras se abre la inferior.



Vista tridimensional. Piegare all'interno i vertici indicati

Vista tridimensional.
Doblar hacia adentro los vértices indicados.

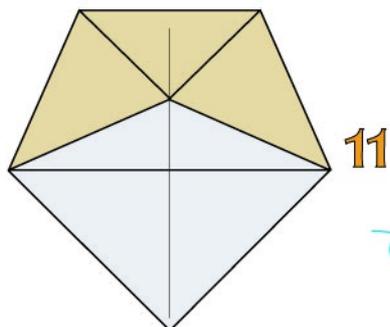


Cappello-base "A" ultimato

Cappello-base "B" ★★

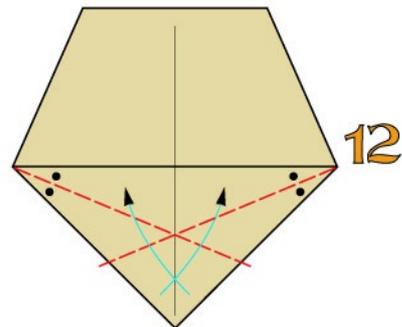
È come il cappello -base "A", ma è ribaltato e senza l'appendice inferiore.

Sombrero -base "B" Es como el de la base A pero está "patas arriba", sin apéndice inferior.



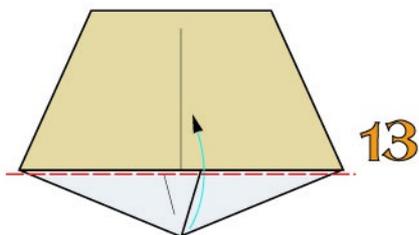
11

Partite dalla fig. n.10 del cappello-base "A". Ribaltate



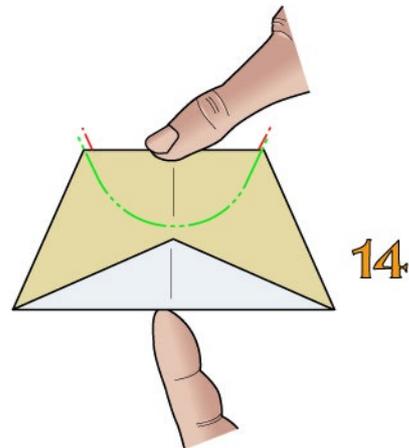
12

2 pieghe bisettrici a valle



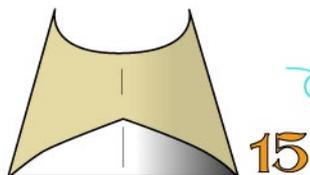
13

1 piega a valle



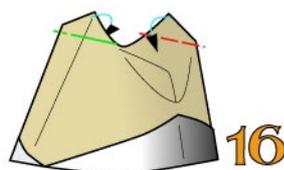
14

Modellate 3D comprimendo la parte superiore e contemporaneamente aprendo inferiormente



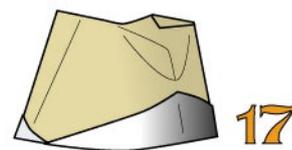
15

Ribaltate



16

Vista tridimensionale. Piegare all'interno i vertici indicati



17

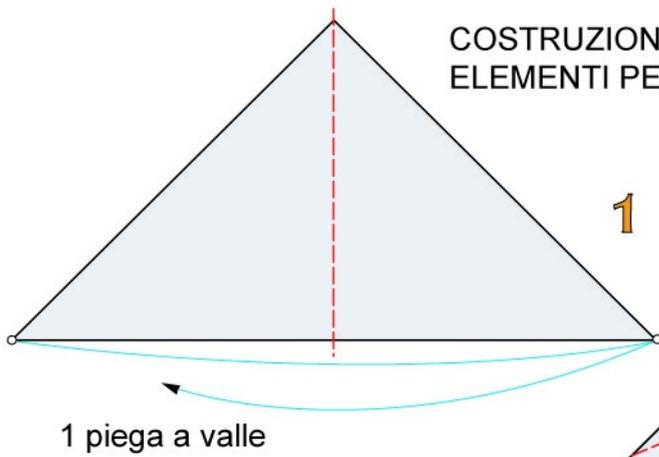
Cappello-base "B" ultimato

Cappello da VESCOVO

Questo semplicissimo cappello si costruisce assemblando 3 elementi: un cappello-base "B" e 2 elementi pentagonali, costruiti con 2 mezzi fogli quadrati, monocolori o bicolori.

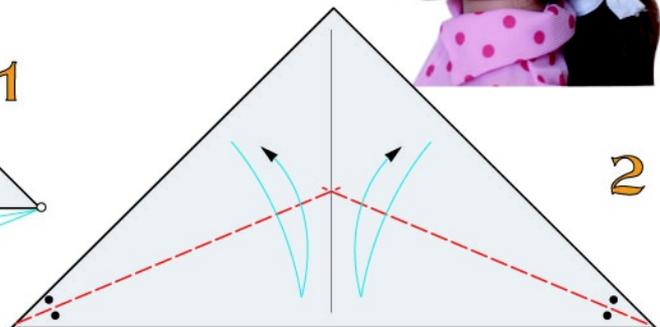


COSTRUZIONE DEGLI ELEMENTI PENTAGONALI

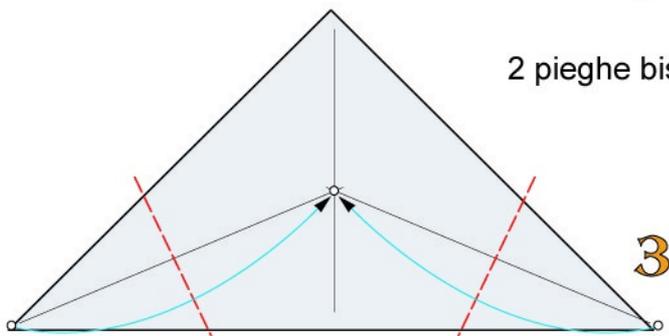


1 piega a valle

1



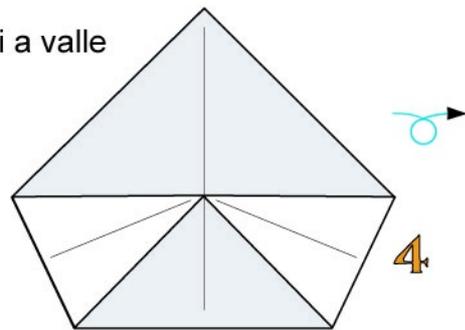
2



2 pieghe a valle

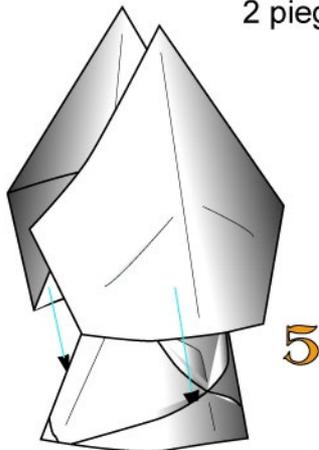
3

2 pieghe bisettrici a valle



4

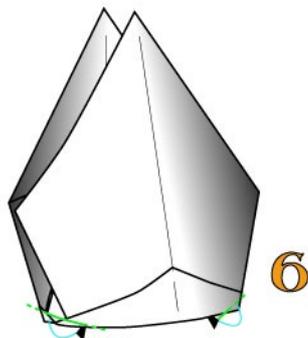
Elemento pentagonale ultimato. Ribaltate



5

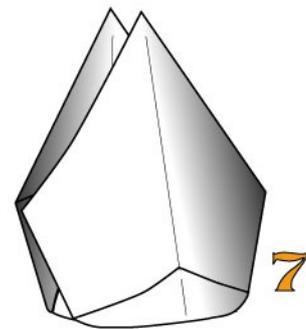
Vista tridimensionale.

Inserite i 2 elementi pentagonali nelle tasche del cappello



6

2 pieghe a monte



7

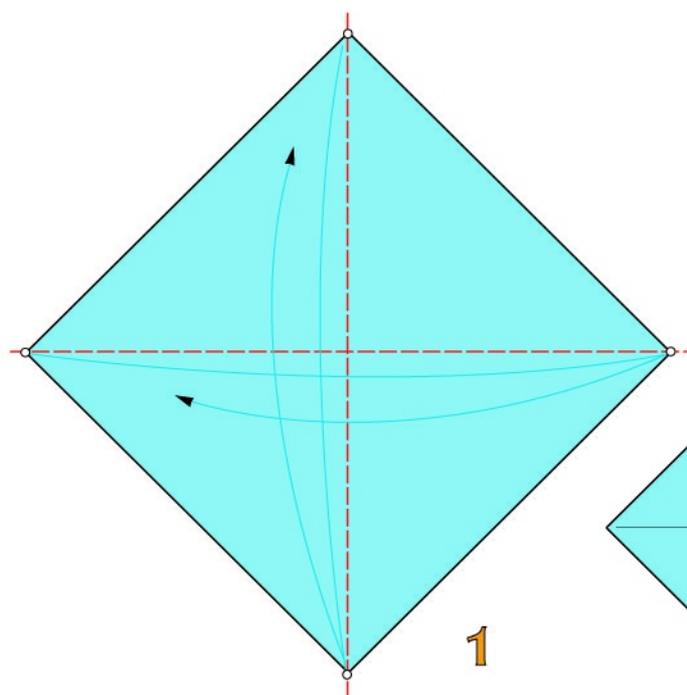
Cappello "da vescovo" ultimato

Cappello da BALLERINA DI SAMBA ***

Il cappello si costruisce assemblando 2 elementi: un cappello-base A ed un coronamento decorativo. Utilizzate 2 fogli quadrati bicolori di tinte vivaci.

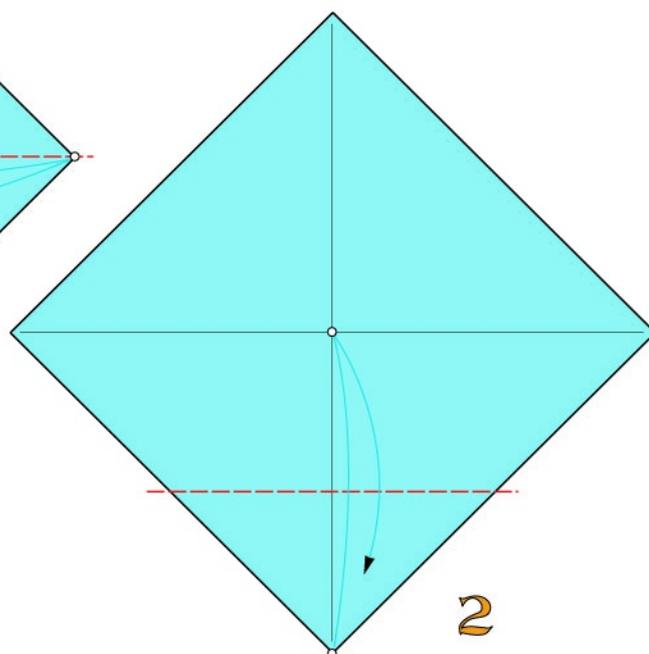


COSTRUZIONE DEL CORONAMENTO



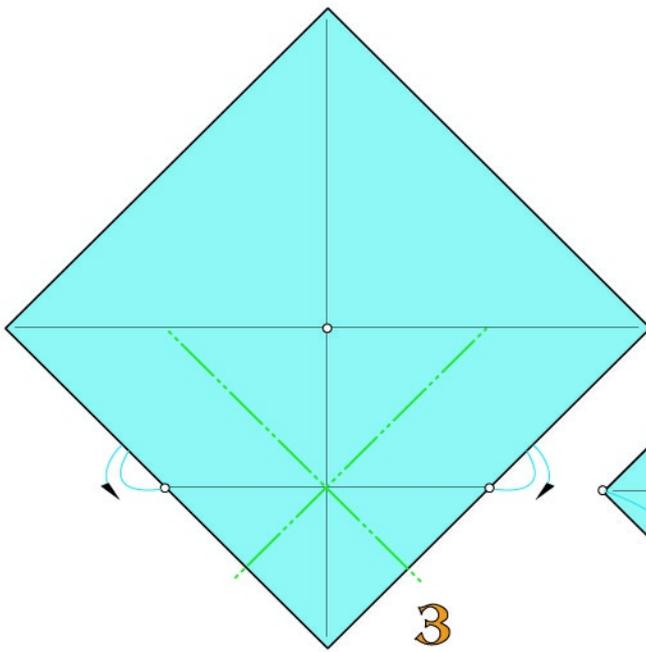
2 pieghe diagonali a valle

1

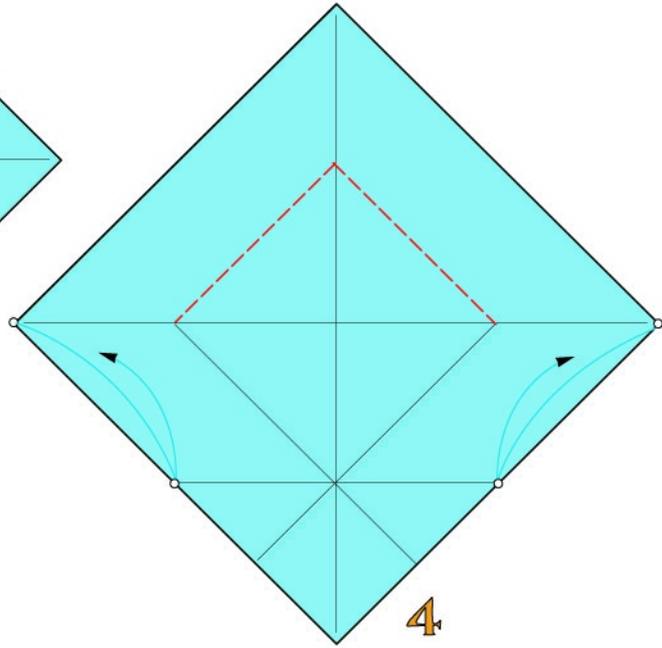


1 piega a valle

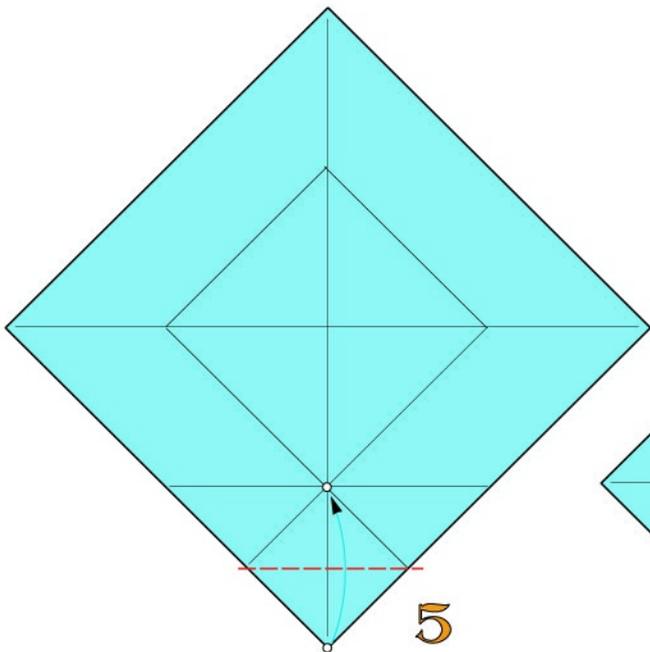
2



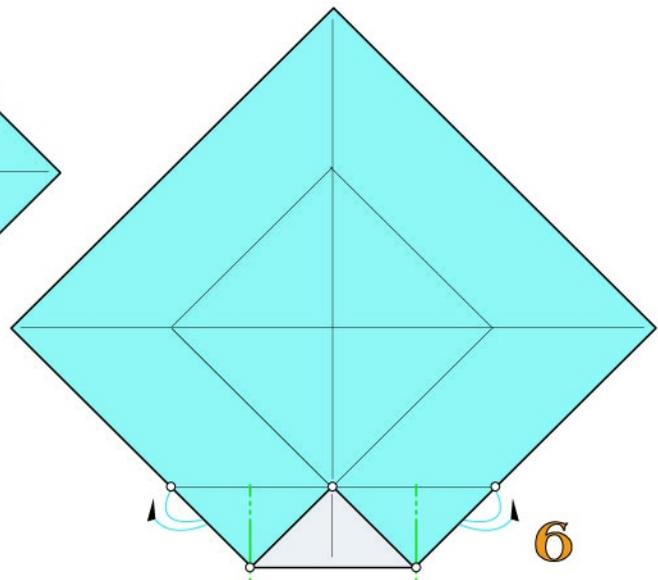
3
2 pieghe a monte



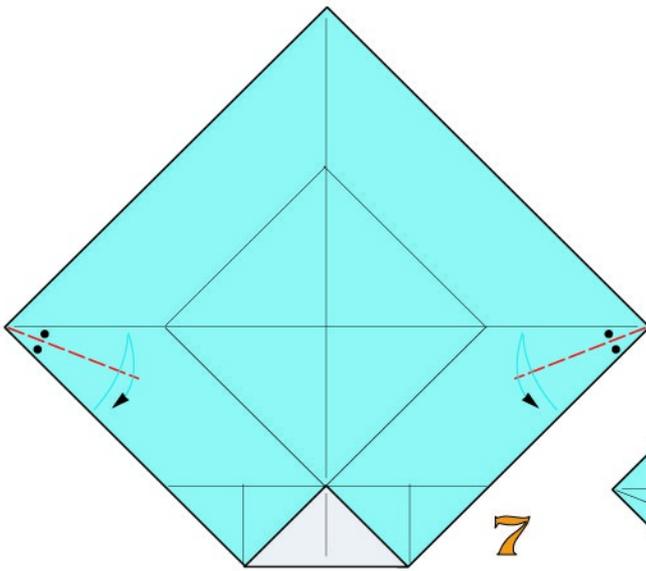
4
2 pieghe a valle



5
1 piega a valle

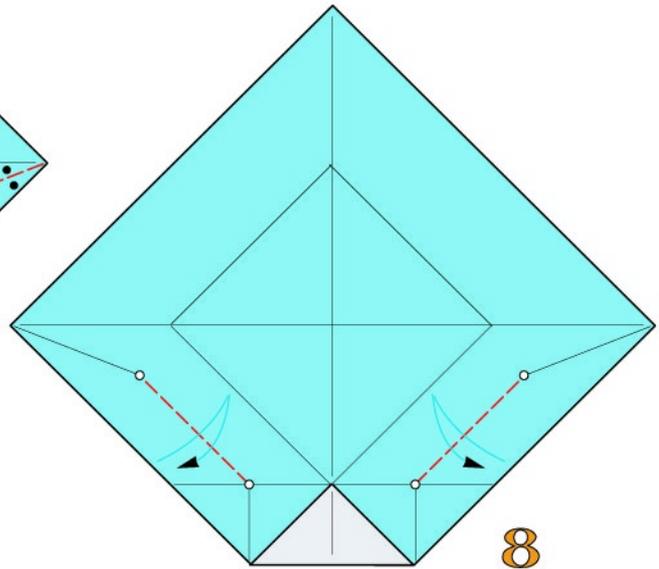


6
2 pieghe a monte



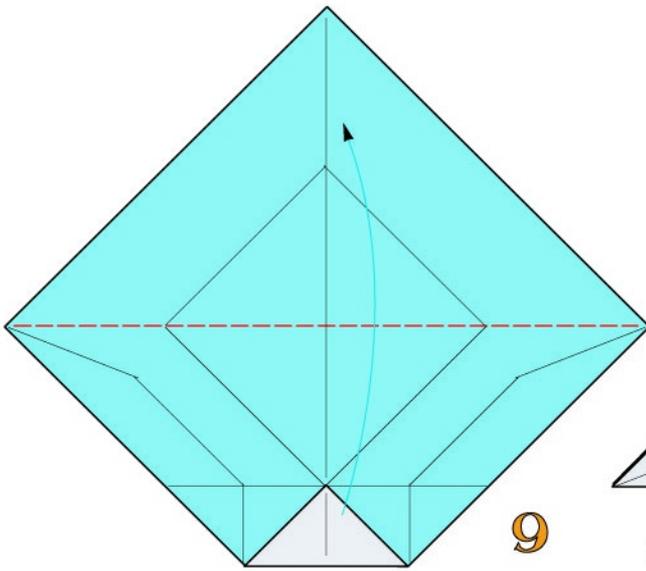
2 pieghe bisettrici a valle

7



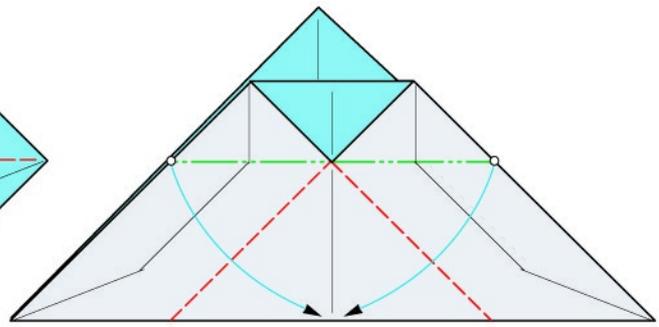
2 pieghe a valle

8



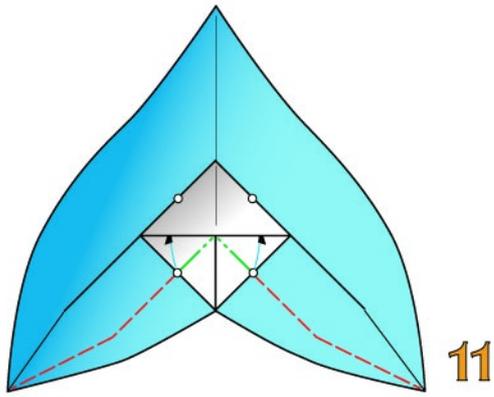
1 piega a valle

9

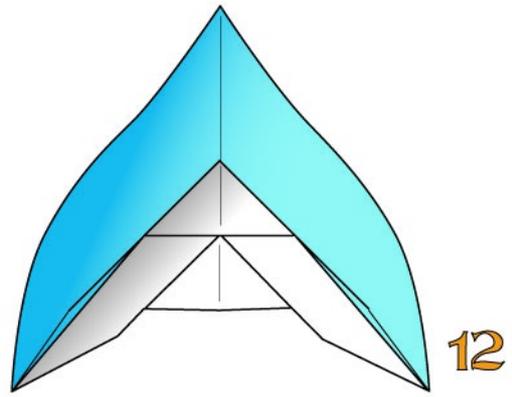


2 pieghe a valle solo sulla sup. in vista

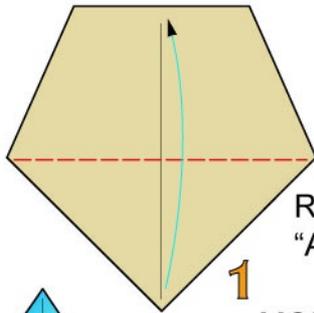
10



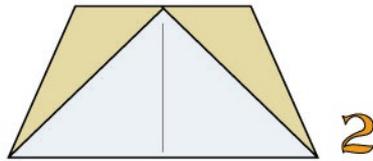
Ripiegando a valle ed a monte intascate



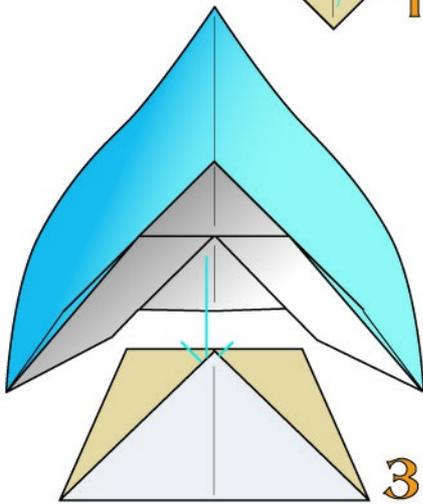
Coronamento ultimato



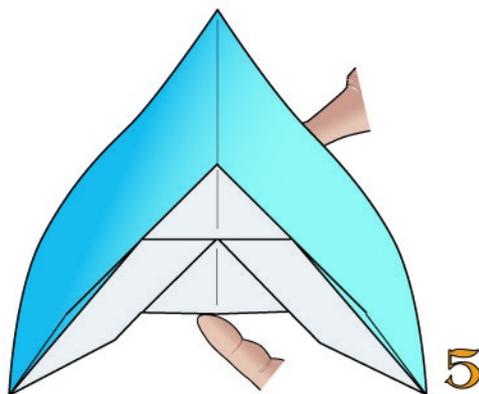
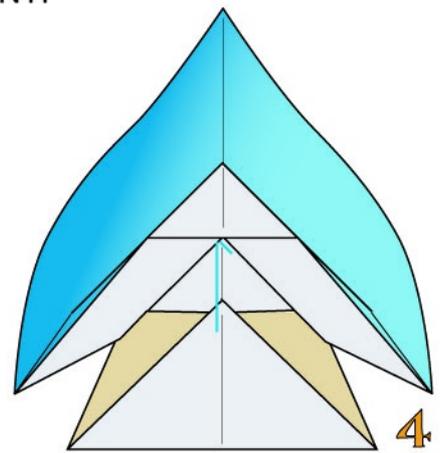
Retro del cappello-base
"A". 1 piega a valle



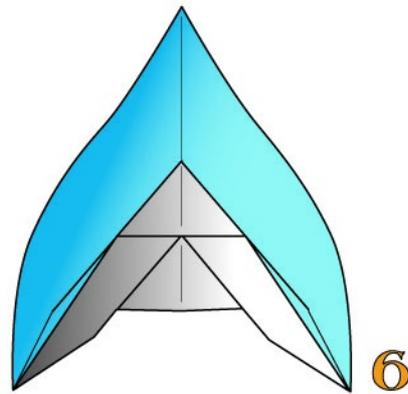
MONTAGGIO DEI 2 ELEMENTI



Intascate il coronamento
nel cappello



Comprimeo contemporaneamente
aprite 3D



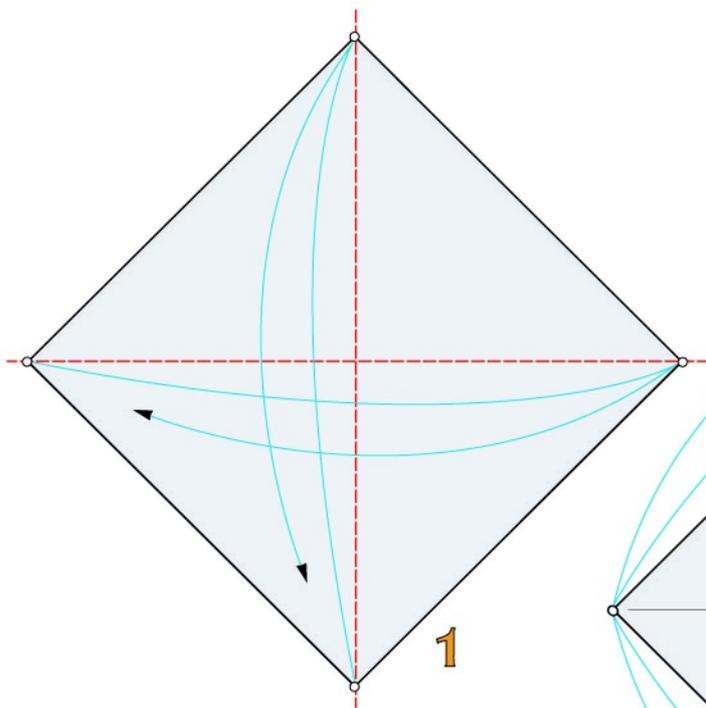
Cappello "da ballerina
di samba" ultimato

Cappello da JOLLY**

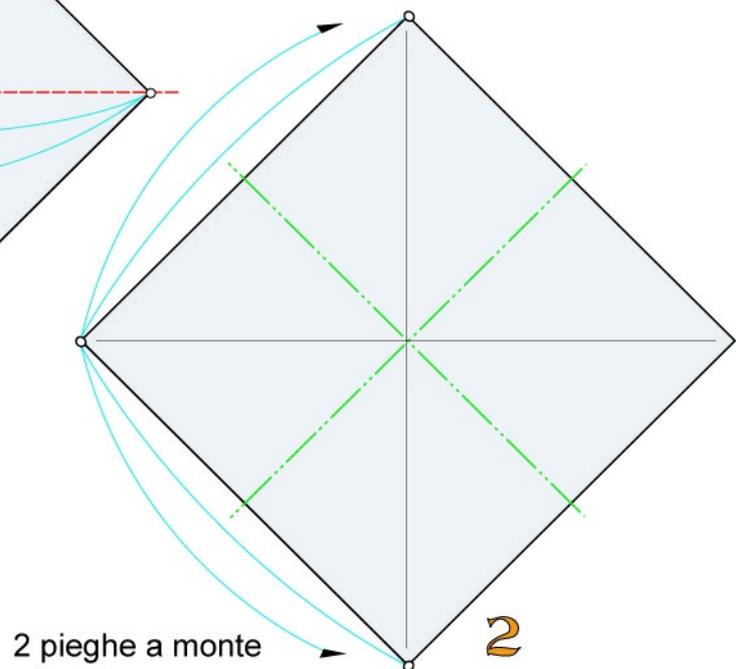
Il cappello si costruisce assemblando
2 elementi: un cappello-base A ed un
elemento decorativo tripunte.
Utilizzate fogli quadrati monocolori.



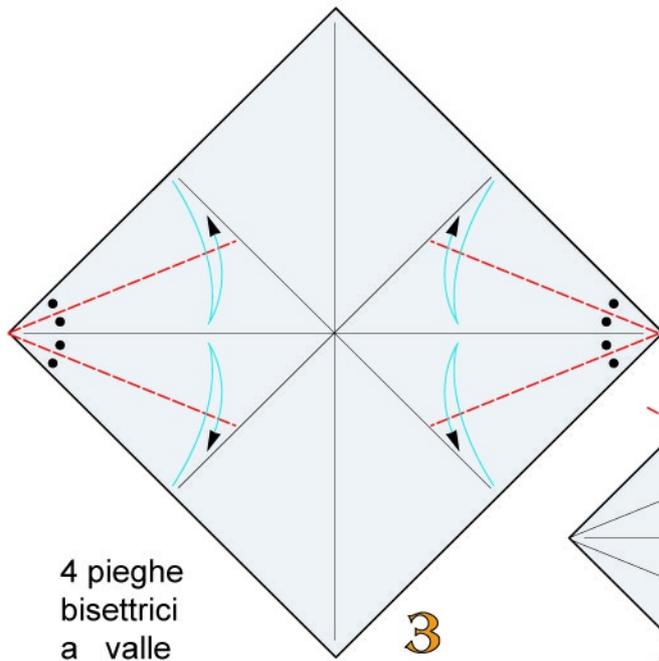
COSTRUZIONE DELL'ELEMENTO TRIPUNTE



2 pieghe diagonali a valle

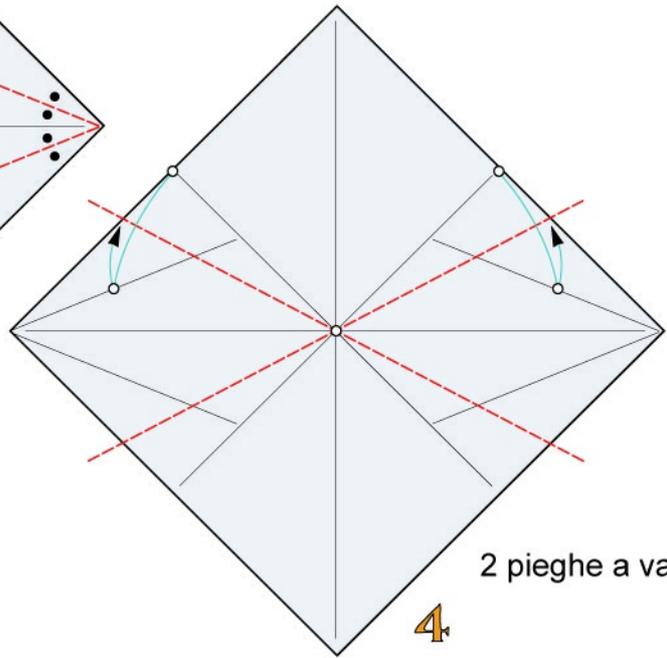


2 pieghe a monte



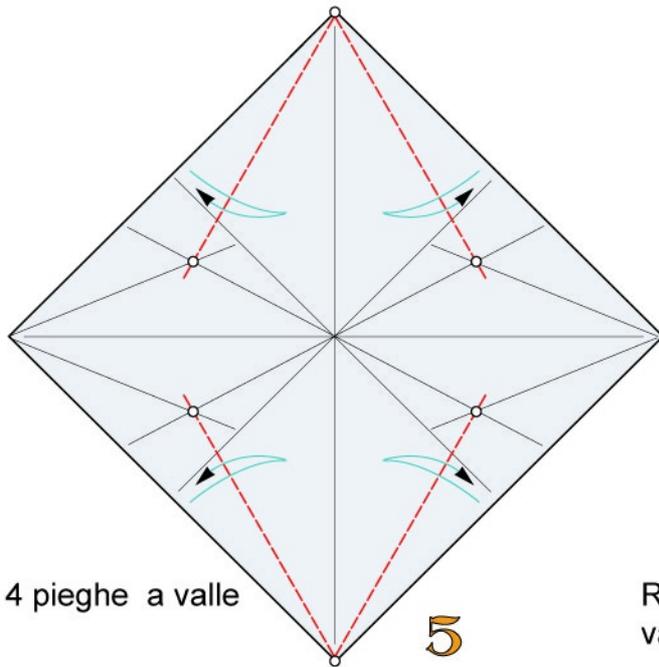
4 pieghe
bisettrici
a valle

3



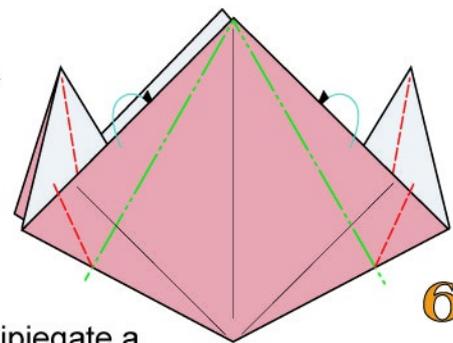
2 pieghe a valle

4



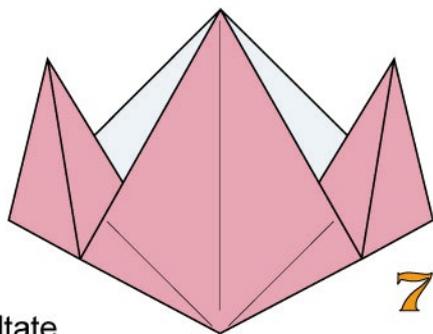
4 pieghe a valle

5



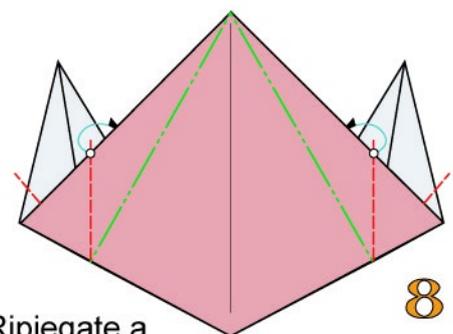
Ripiegate a
valle ed a monte

6



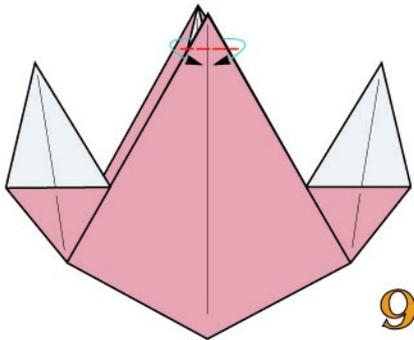
Ribaltate

7

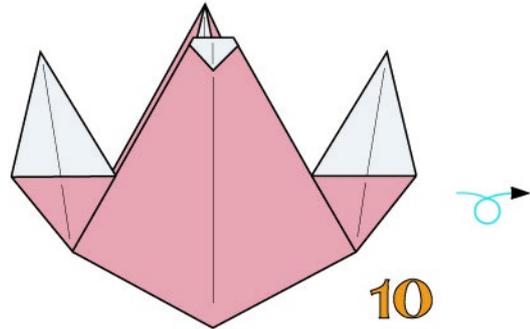


Ripiegate a
valle ed a monte

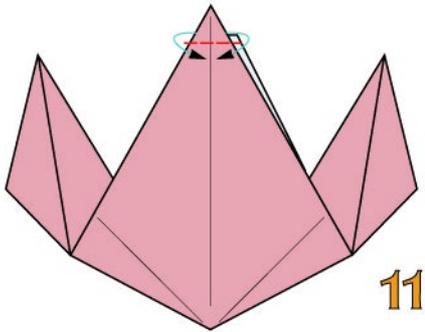
8



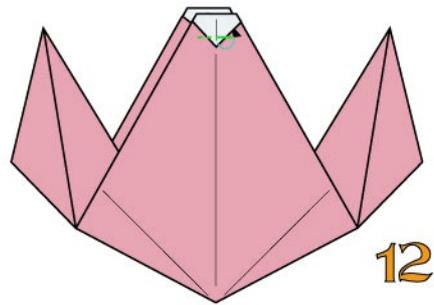
1 piega rovescia esterna



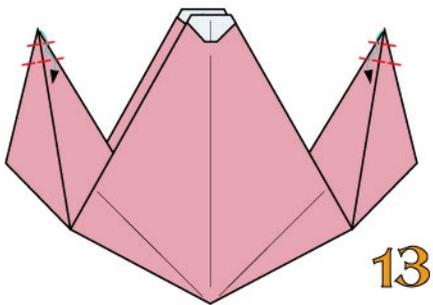
Ribaltate



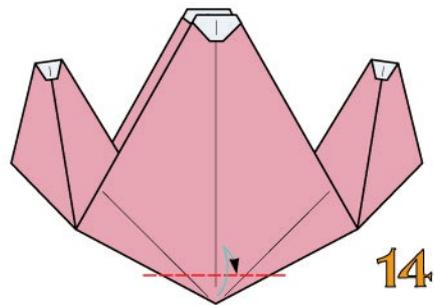
1 piega rovescia esterna



1 piccola piega a monte

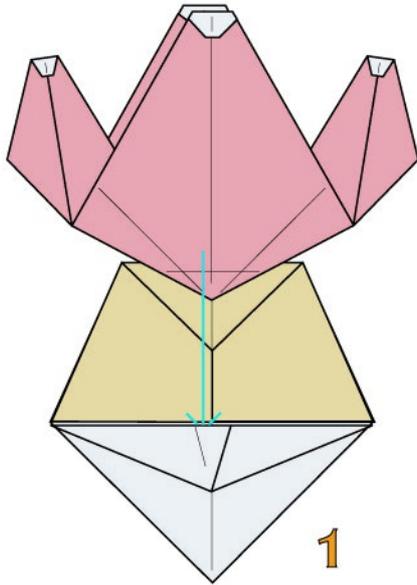


4 piccole pieghe a valle

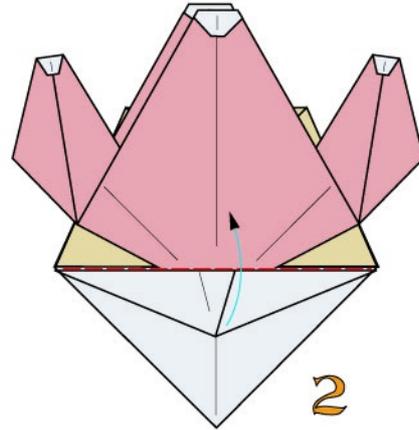


1 piega a valle

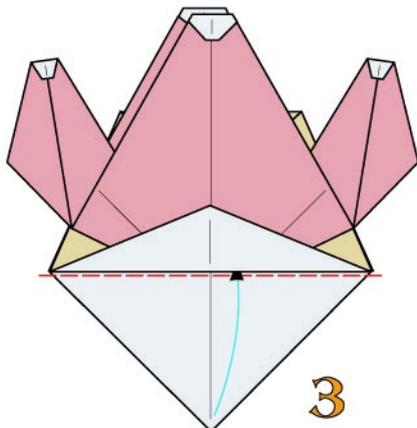
MONTAGGIO DELL' ELEMENTO DECORATIVO NEL CAPPELLO-BASE "A"



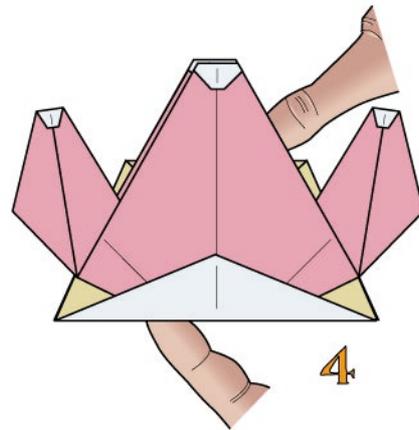
Intascate l' elemento tripunte nel cappello-base "A" alla fig. n.10



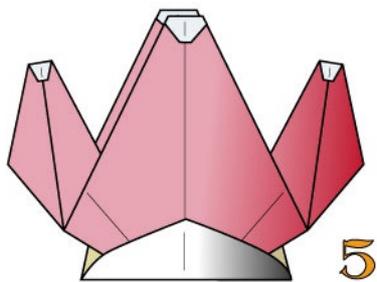
Con una piega a valle bloccate l'unione



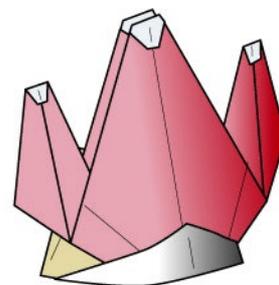
1 piega a valle ed intascate



Comprimendo contemporaneamente aprite 3D



Cappello "da jolly" ultimato



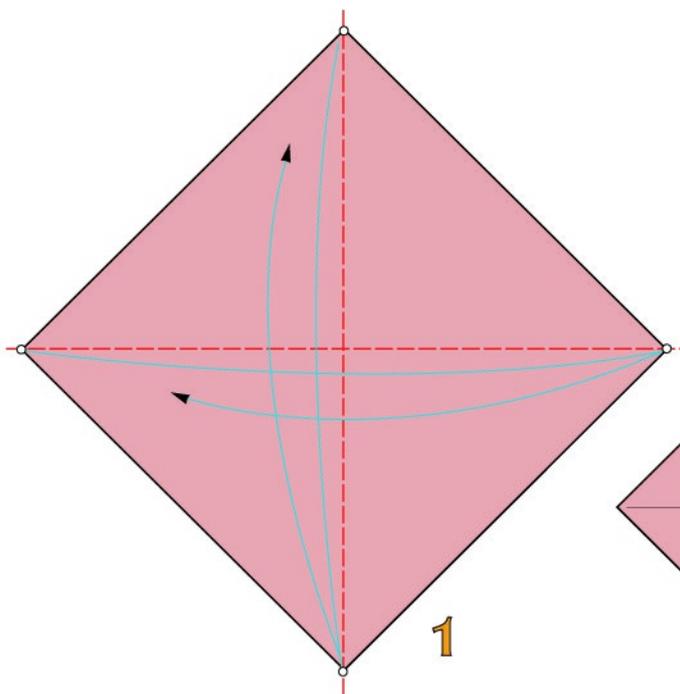
Vista tridimensionale

Cappello da CARABINIERE **

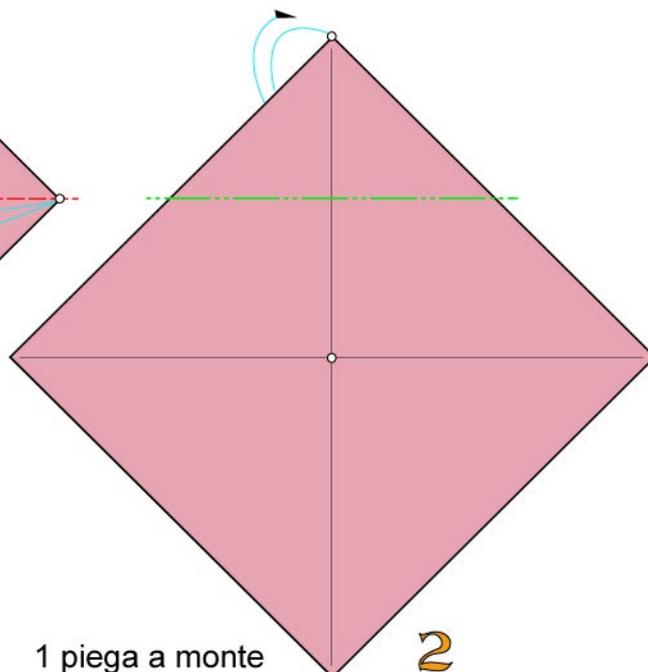
Il cappello si costruisce assemblando 2 elementi: un cappello-base A ed un elemento triangolare con pennacchio. Utilizzate un foglio quadrato monocoloro nero per il cappello ed un foglio bicolore nero e rosso per l'elemento aggiuntivo. Quest'ultimo può essere realizzato unendo con colla spray riposizionabile 1 foglio nero ed 1 rosso.



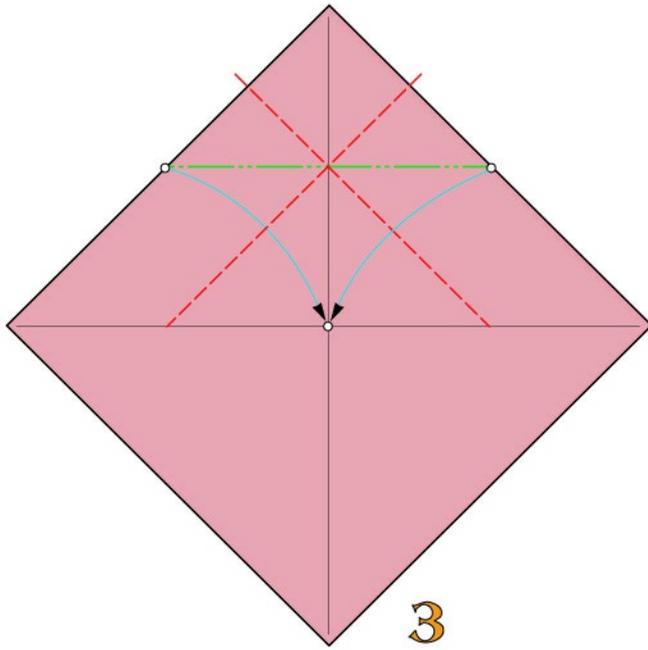
COSTRUZIONE DELL'ELEMENTO TRIANGOLARE



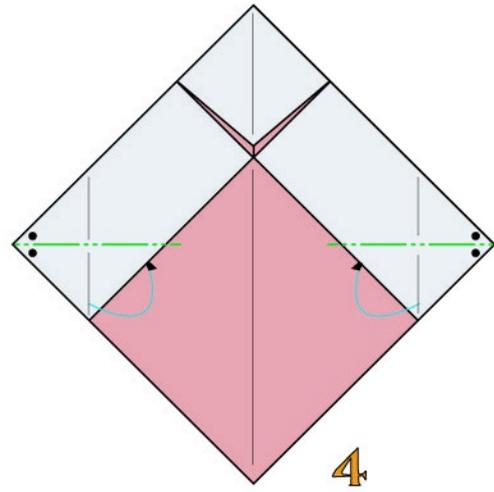
2 pieghe diagonali a valle



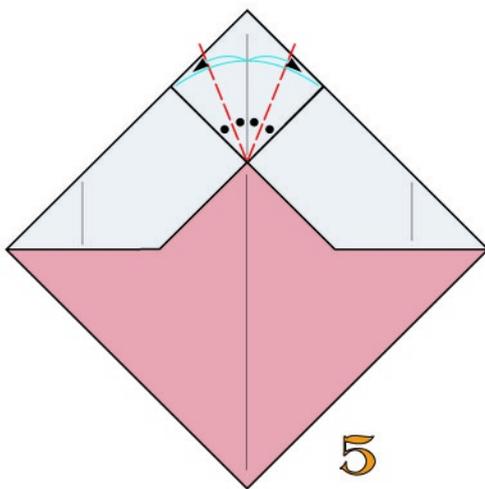
1 piega a monte



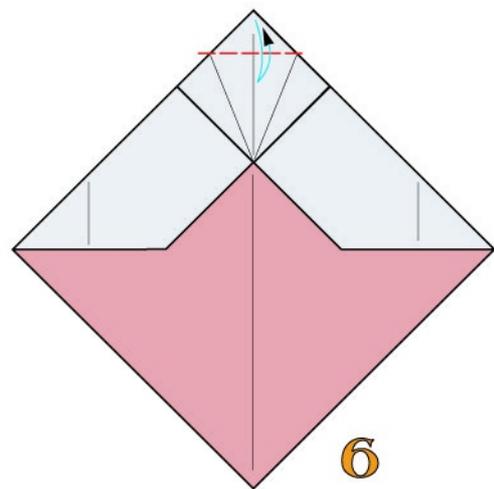
2 pieghe a valle e ripiegate a monte



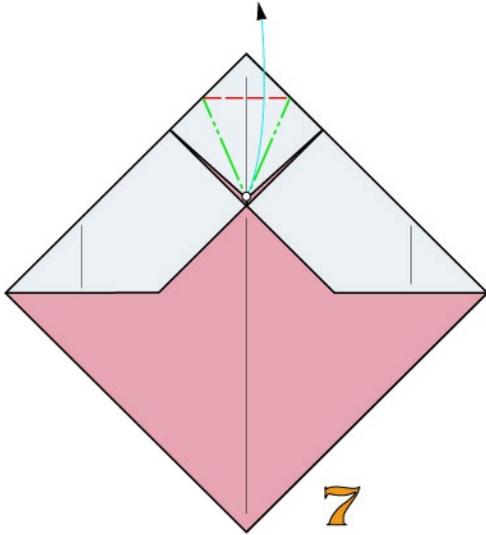
2 pieghe bisettrici a monte



2 pieghe bisettrici a valle

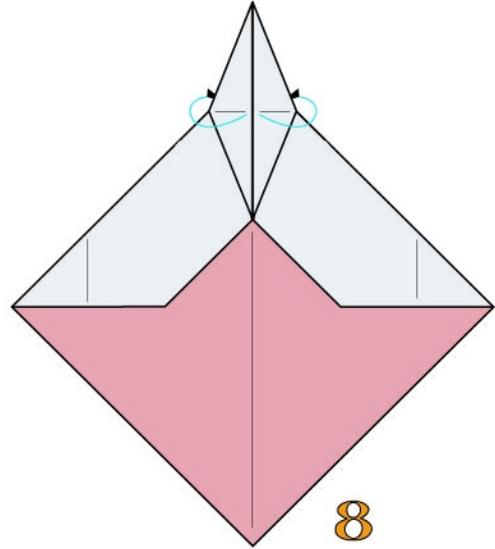


1 piega a valle



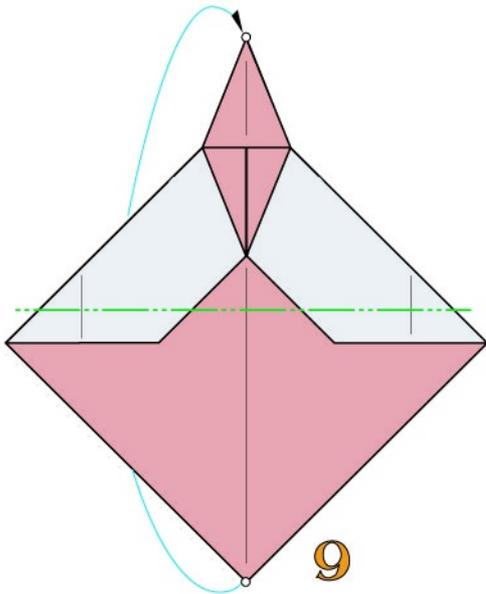
7

Ripiegate a valle ed a monte



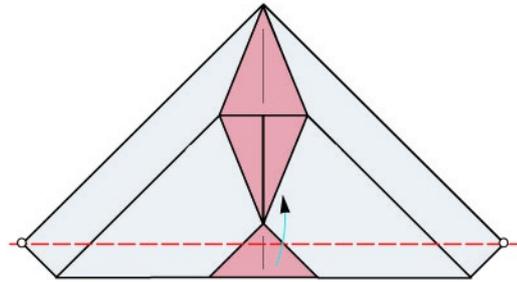
8

2 pieghe rovesce esterne



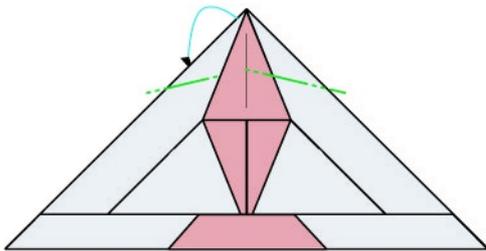
9

1 piega a monte



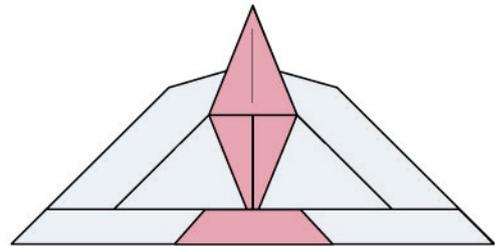
10

1 piega a valle



11

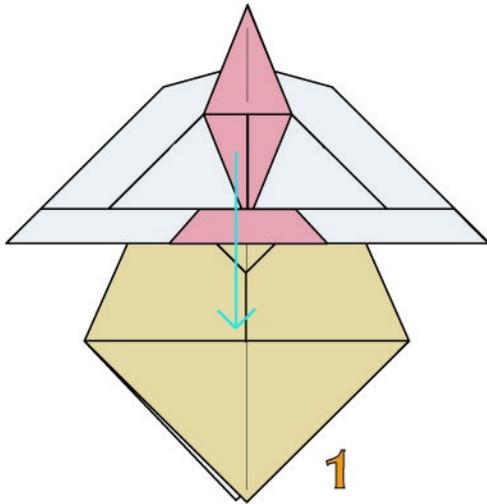
2 pieghe a monte



12

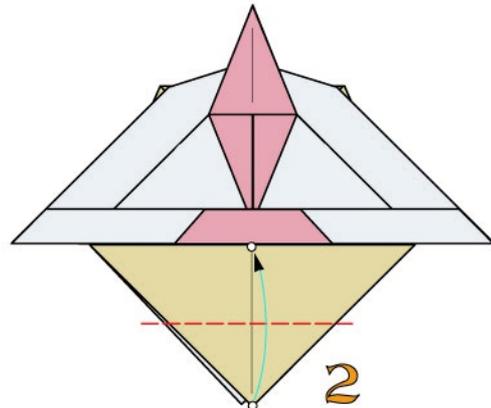
Elemento triangolare ultimato

MONTAGGIO DELL' ELEMENTO DECORATIVO NEL CAPPELLO-BASE "A"



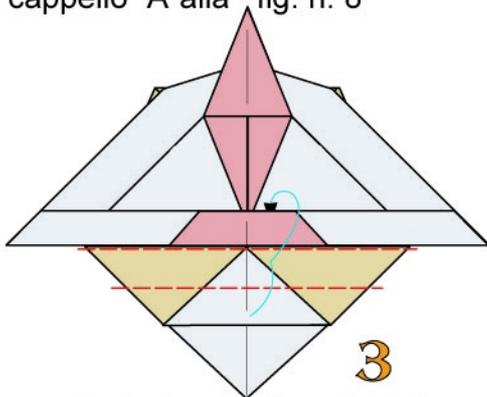
1

Appoggiate l'elemento sul cappello "A" alla fig. n. 8



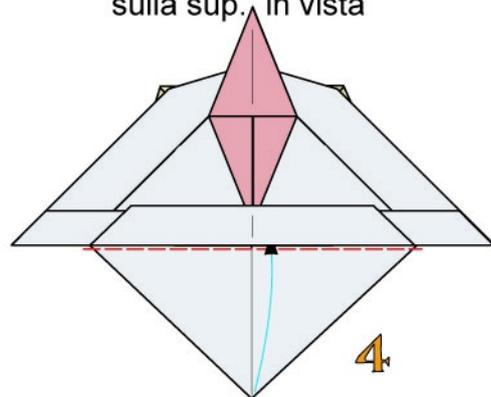
2

1 piega a valle solo sulla sup. in vista



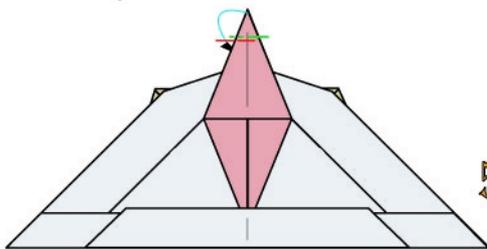
3

2 pieghe a valle solo sulla sup. in vista ed intascate



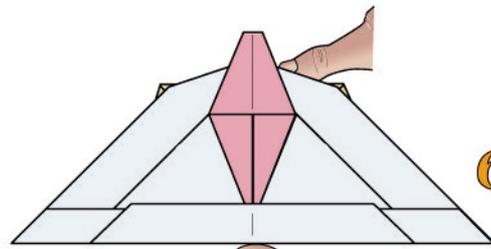
4

1 piega a valle ed intascate



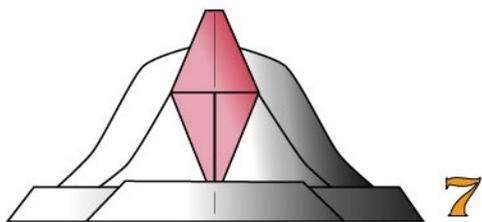
5

1 piega rovescia interna



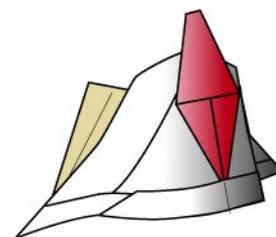
6

Comprimendo contemporaneamente aprite 3D



7

Cappello "da carabinieri" ultimato



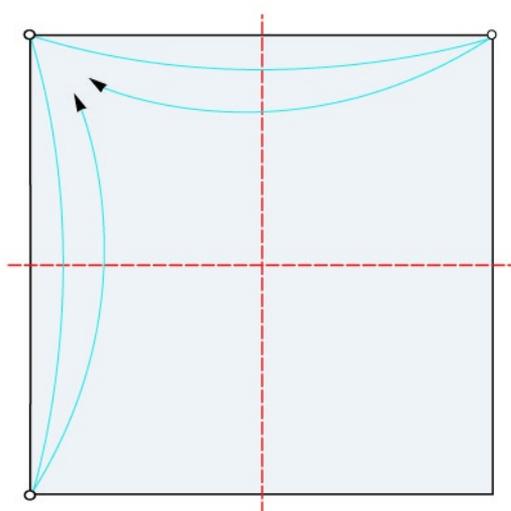
Vista tridimensionale

Cappello da **PORCELLINO** ★★★



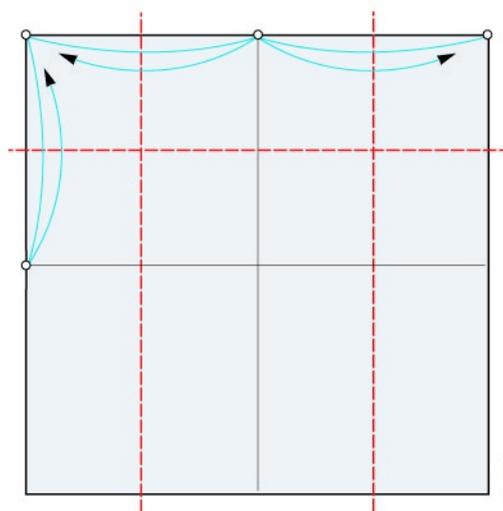
Il cappello si costruisce assemblando 2 elementi: un cappello-base "A" ed una maschera da porcellino, costruiti con cartoncino monocolore rosa

COSTRUZIONE DELLA MASCHERA



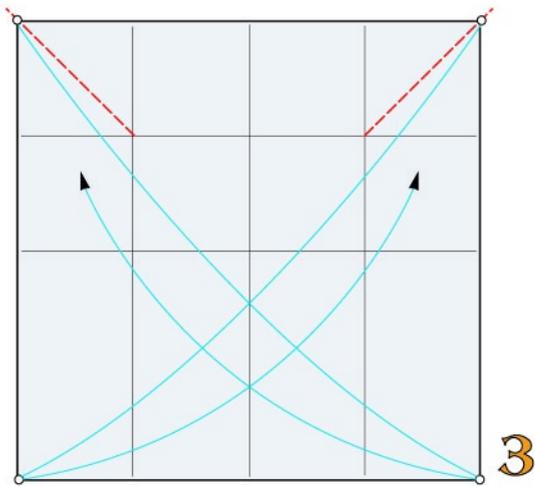
2 pieghe a valle

1

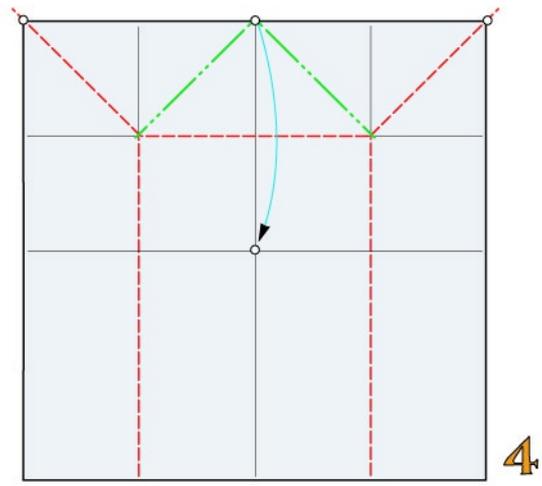


3 pieghe a valle

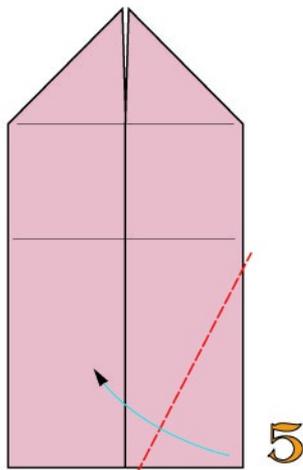
2



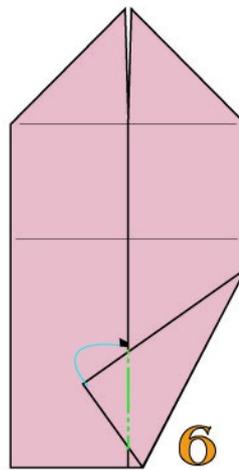
2 pieghe a valle



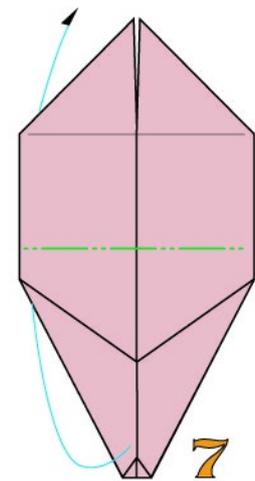
2 pieghe a monte e ripiegate a valle



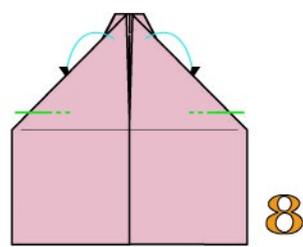
1 piega a valle



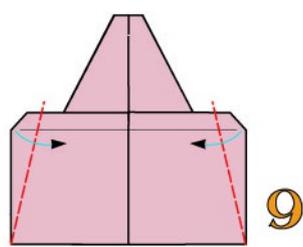
1 piega a monte ed intascate



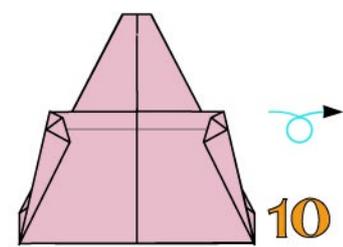
Ripetete anche a sinistra le pieghe delle fig. n. 5 e 6.
1 piega a monte



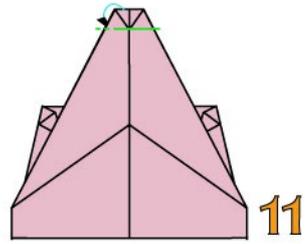
2 pieghe a monte non pressate



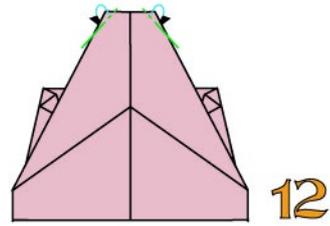
2 pieghe a valle



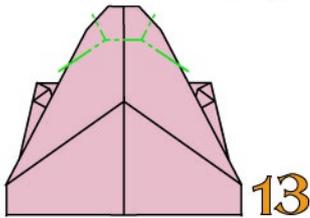
Ribaltate



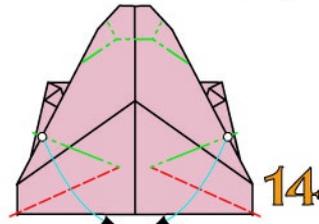
1 piega a monte



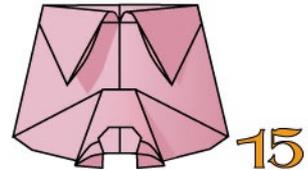
2 pieghe a monte



5 piccole pieghe a monte

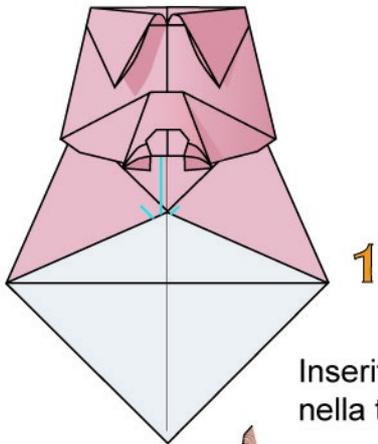


2 pieghe a valle, 2 a monte e ripiegando, modellate 3D

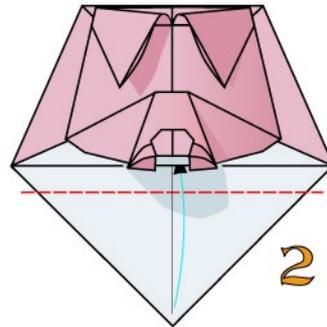


Maschera da porcellino ultimata

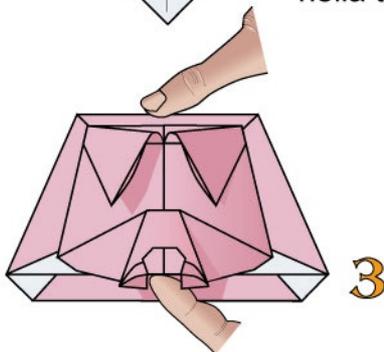
UNIONE DEL CAPPELLO "A" CON LA MASCHERA DA PORCELLINO



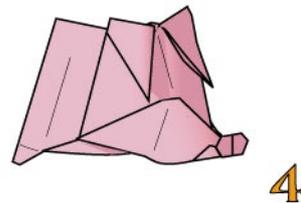
1
Inserite la maschera nella tasca del cappello



2
1 piega a valle ed intascate



3
Comprimito contemporaneamente aprite 3D



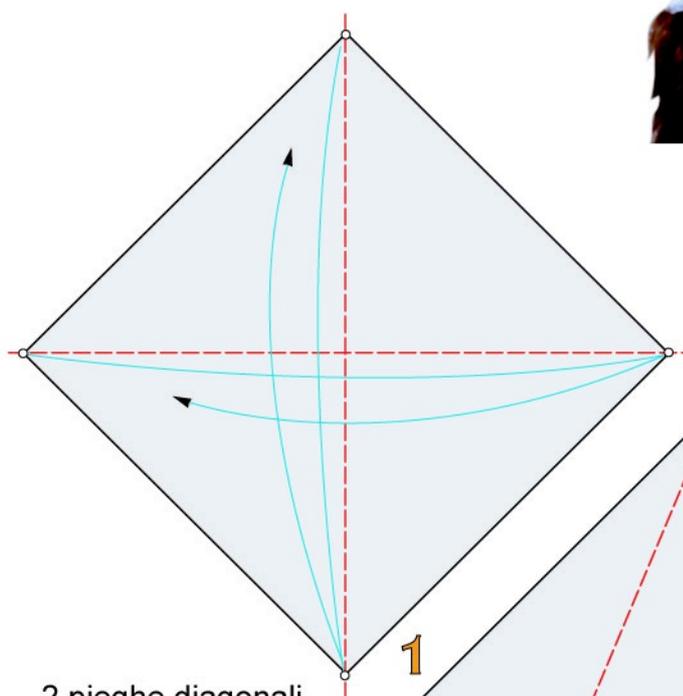
4
Vista tridimensionale. Cappello "da porcellino" ultimato

Cappello da CAIMANO

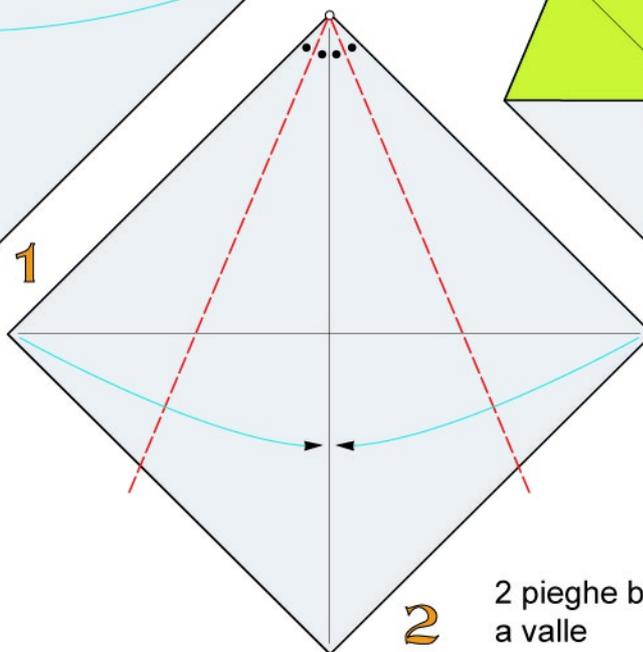


Il cappello si costruisce assemblando 2 elementi: un cappello-base "A" ed una maschera da caimano, costruiti con cartoncino monocolor verde.

Per evitare che il peso della parte anteriore possa sbilanciare il cappello verso il basso, inserite un elastico ed indossate come un cappello western.

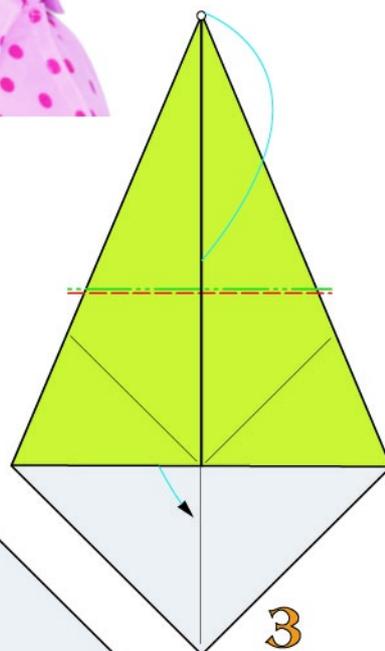


2 pieghe diagonali
a valle



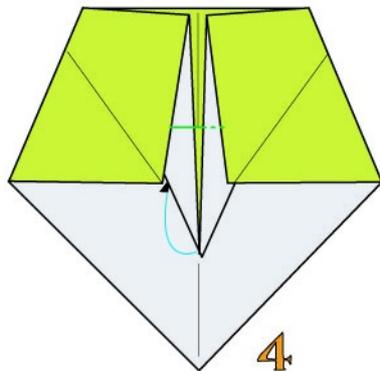
2

2 pieghe bisettrici
a valle



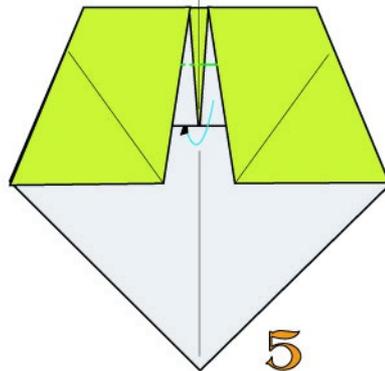
3

1 piega
rovescia
interna



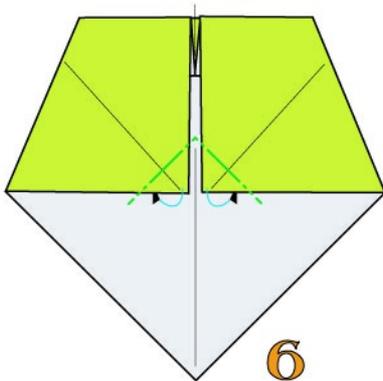
4

1 piega a monte interna



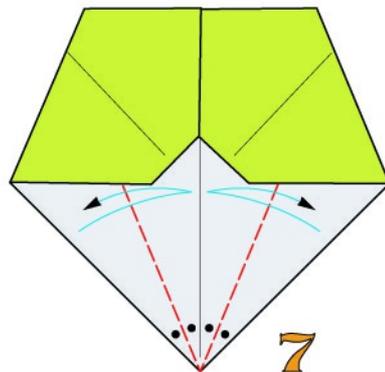
5

1 piega a monte



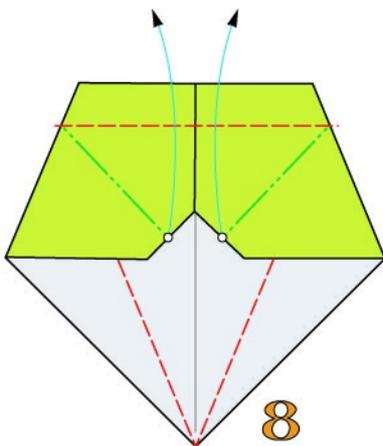
6

2 pieghe a monte



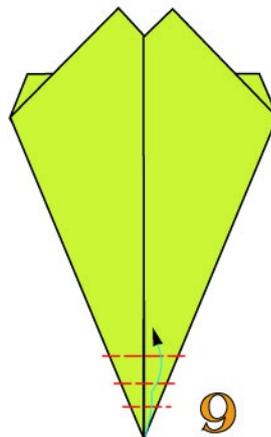
7

2 pieghe bisettrici
a valle



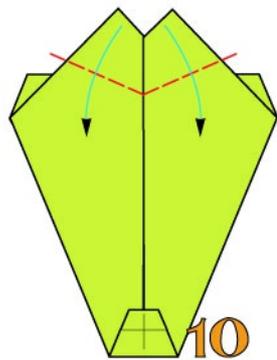
8

1 piega a valle e ripiegate
a valle ed a monte

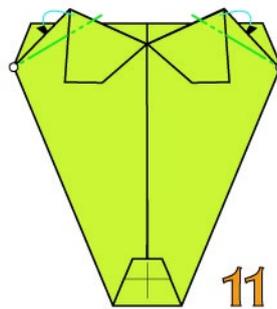


9

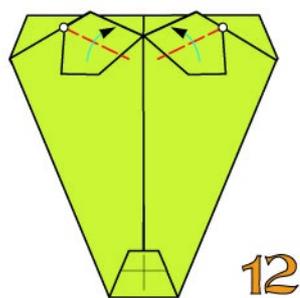
3 pieghe a valle
in successione



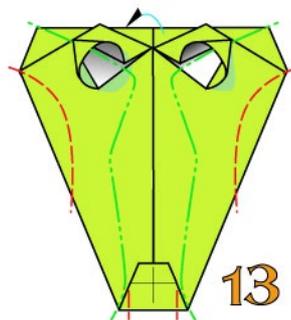
2 pieghe a valle



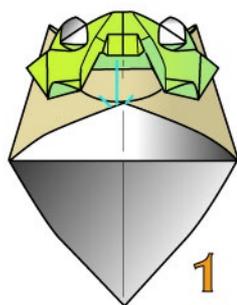
2 pieghe a monte



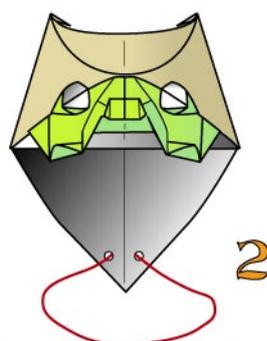
2 pieghe a valle



Modellate 3D mediante
4 pieghe a valle e 2 a
monte



Inserite la maschera
nella tasca del
cappello-base "A"



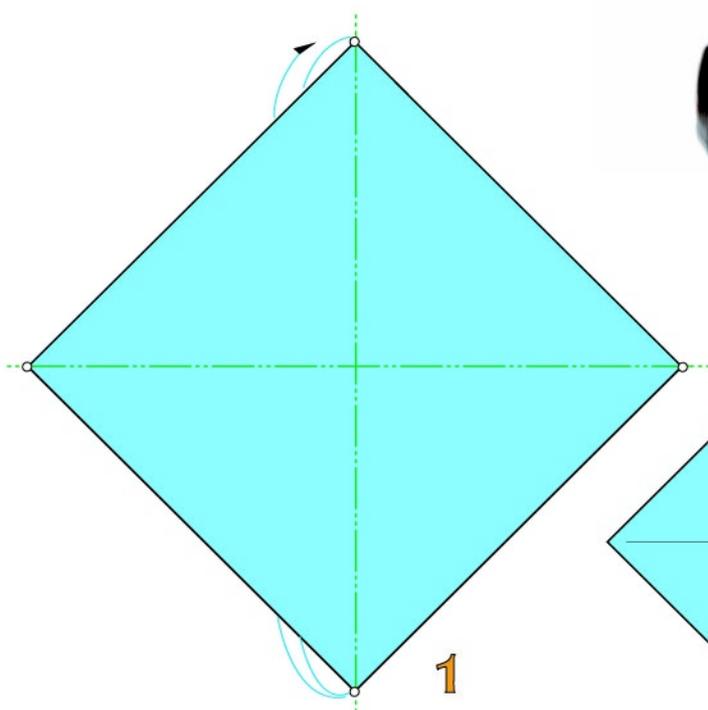
Inserite un elastico.
Cappello "da caimano"
ultimato

Cappello da SQUALO★★

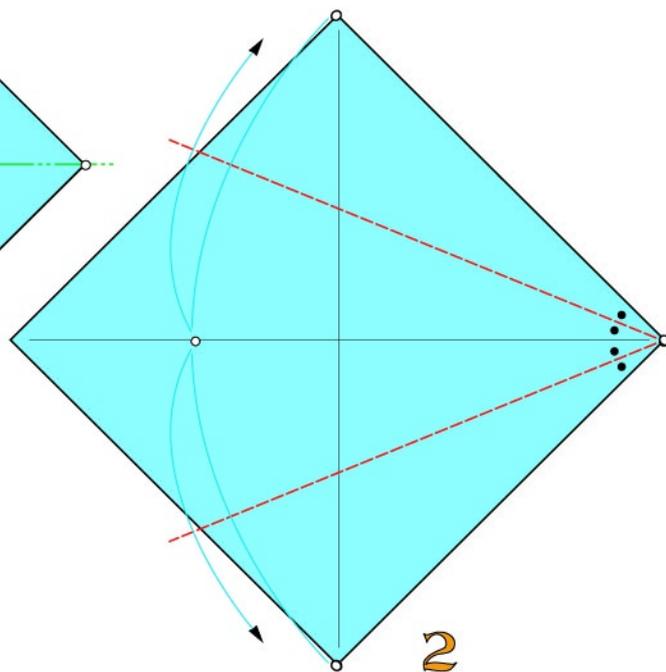
Il cappello si costruisce assemblando 2 elementi: un cappello-base A ed un elemento sovrastante a forma di pesce. Utilizzate fogli quadrati monocolori.



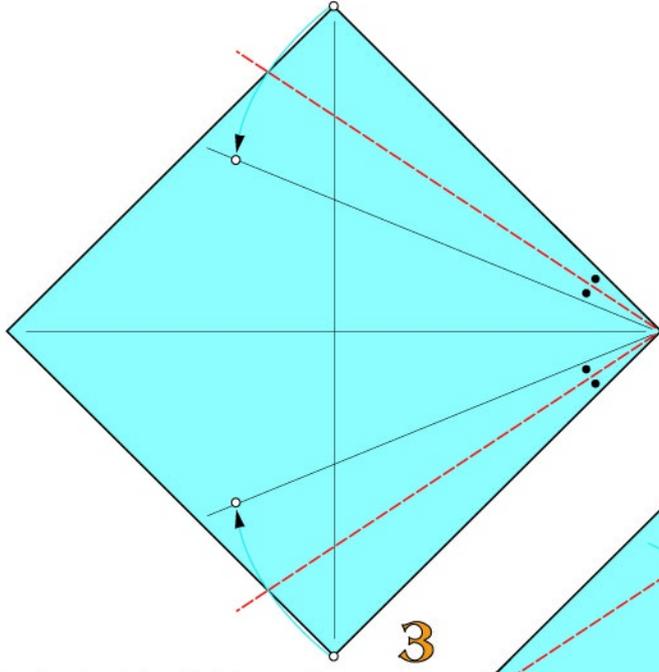
COSTRUZIONE DELL' ELEMENTO "PESCE"



2 pieghe diagonali a monte

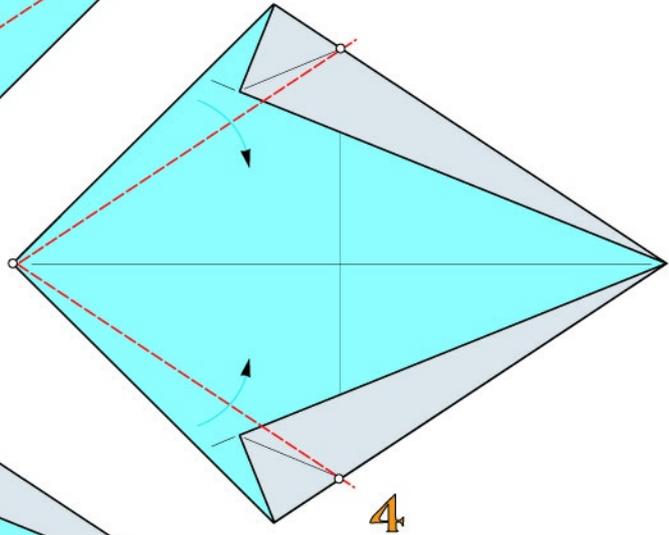


2 pieghe bisettrici a valle



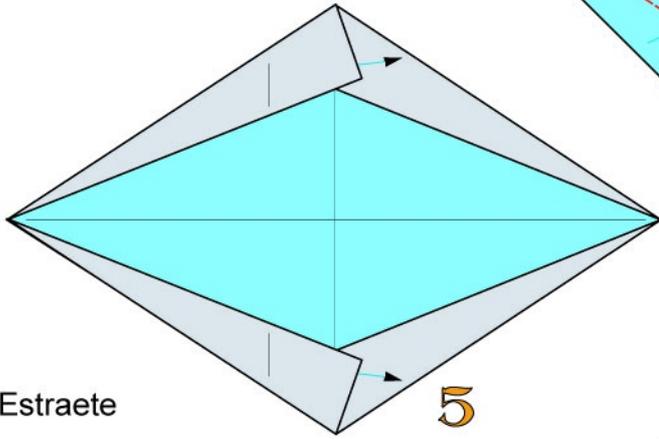
2 pieghe bisettrici a valle

3



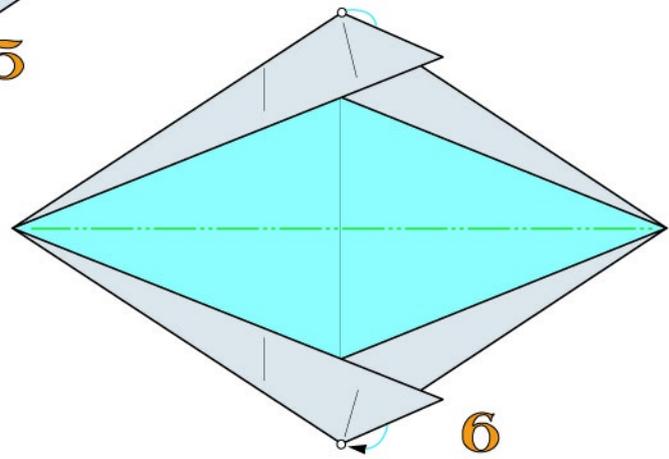
2 pieghe a valle

4



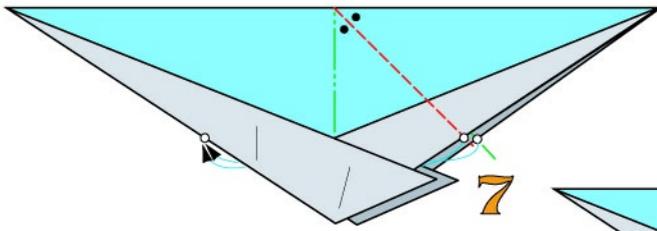
Estraete

5



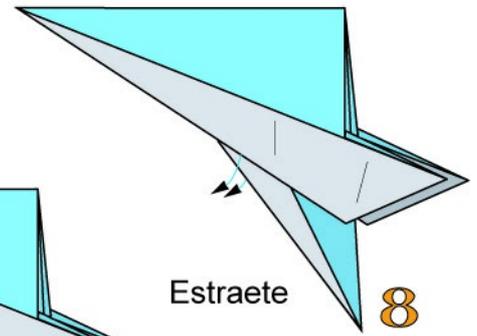
Richiudete ripiegando a monte

6



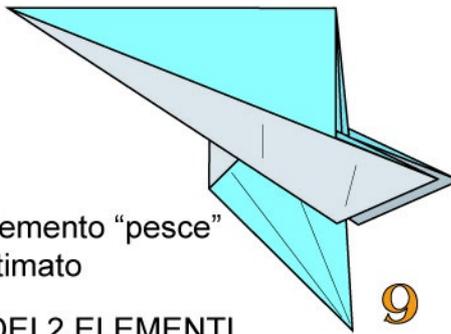
7

2 pieghe a valle, 1 per lato, e ripiegate a monte



Estraete

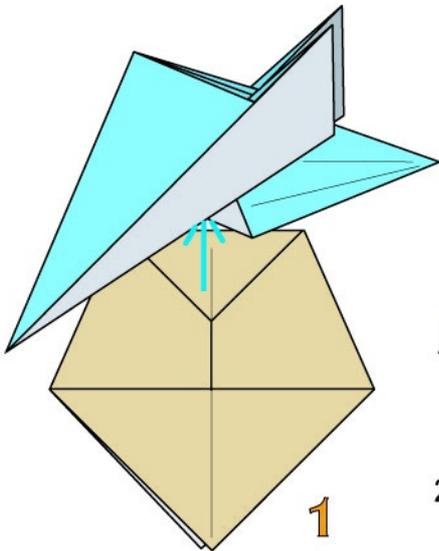
8



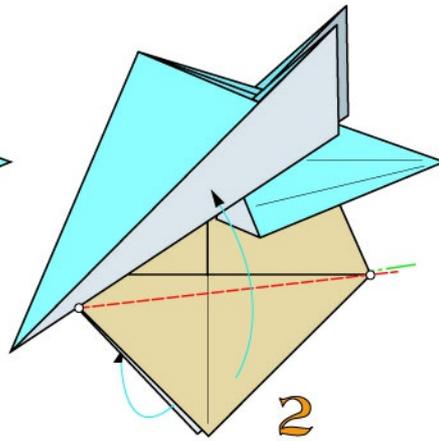
Elemento "pesce" ultimato

9

MONTAGGIO DEI 2 ELEMENTI

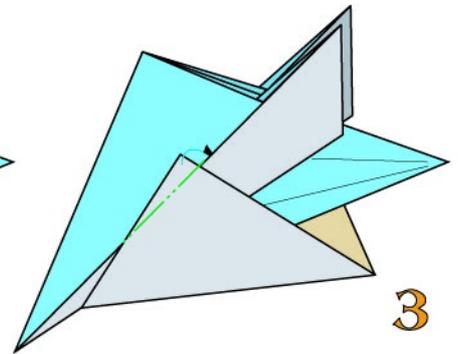


1



2

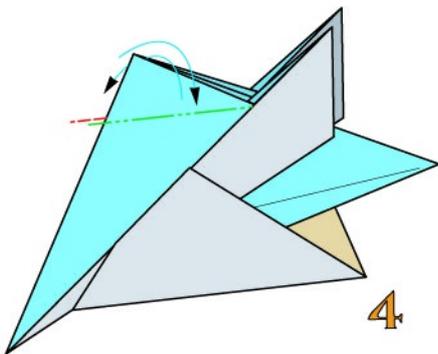
2 pieghe a valle, 1 per lato



3

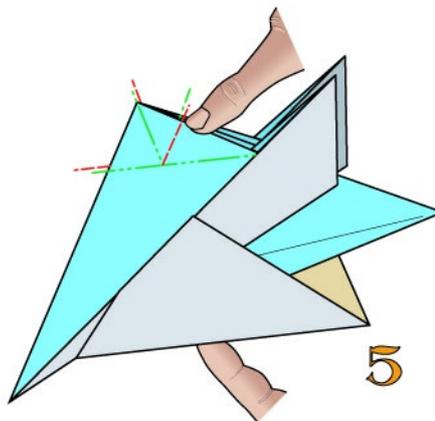
2 pieghe a monte, 1 per lato

Inserite l'elemento "base del cappello", costruito fino alla fig. n. 9, entro l'elemento "pesce"



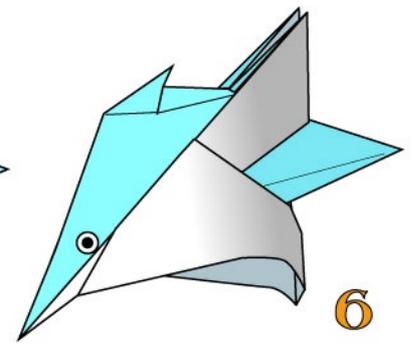
4

2 pieghe a monte, 1 per lato



5

Comprimendo contemporaneamente aprite 3D



6

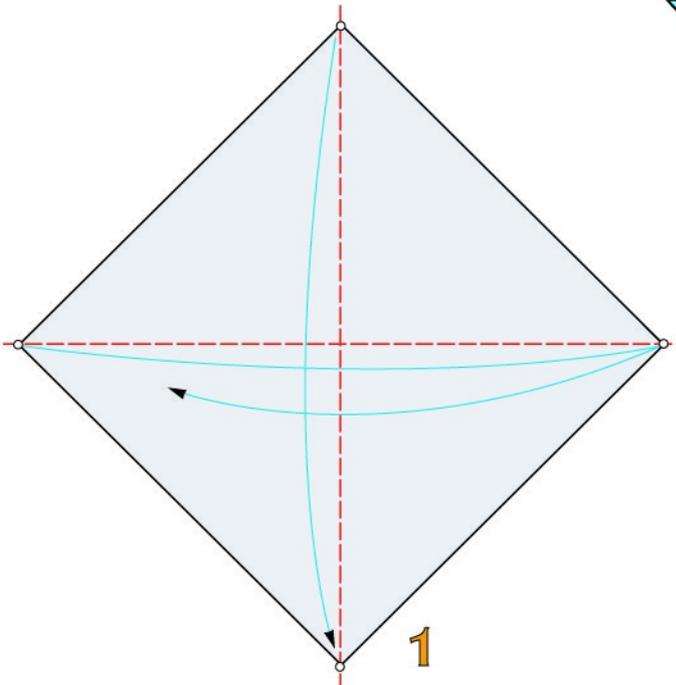
Cappello "da squalo" ultimato

Cappello da DIO GRECO HERMES★★

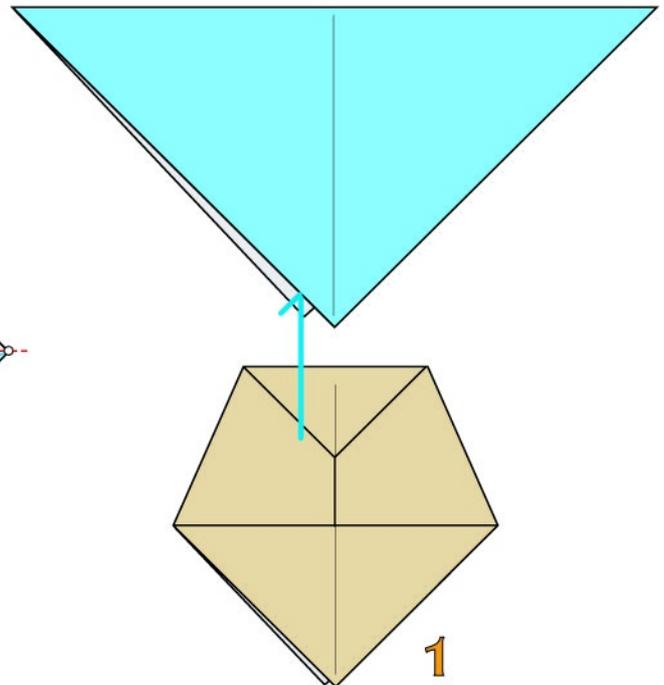


Il cappello si costruisce assemblando 2 elementi: un cappello -base "A" alla fig. n. 9 ed un elemento con alette.

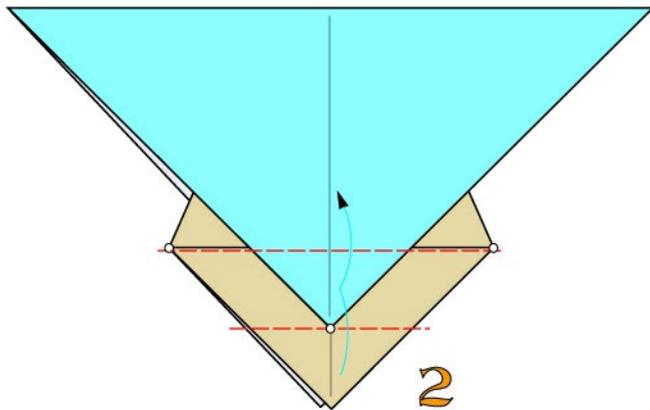
UNIONE DEI 2 ELEMENTI



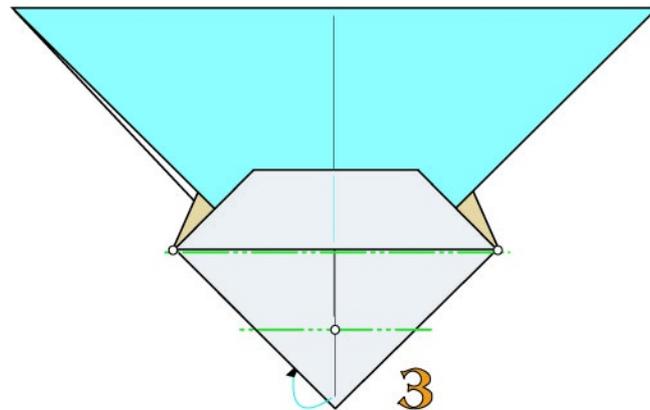
Elemento alette: 2 pieghe bisettrici a valle



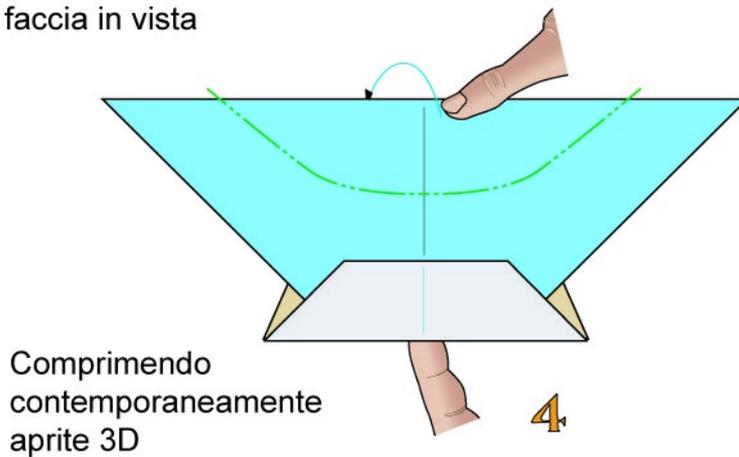
Inserite il cappello-base alla fig. n. 9 entro il primo elemento



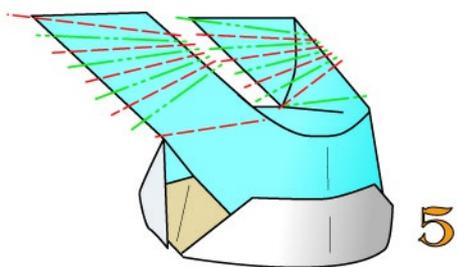
2 pieghe a valle in successione solo sulla faccia in vista



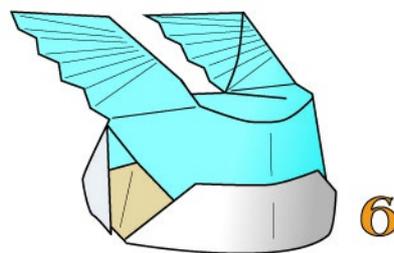
2 pieghe a monte in successione



Comprimendo contemporaneamente aprite 3D



Vista tridimensionale. Una serie di pieghe a valle ed a monte in successione



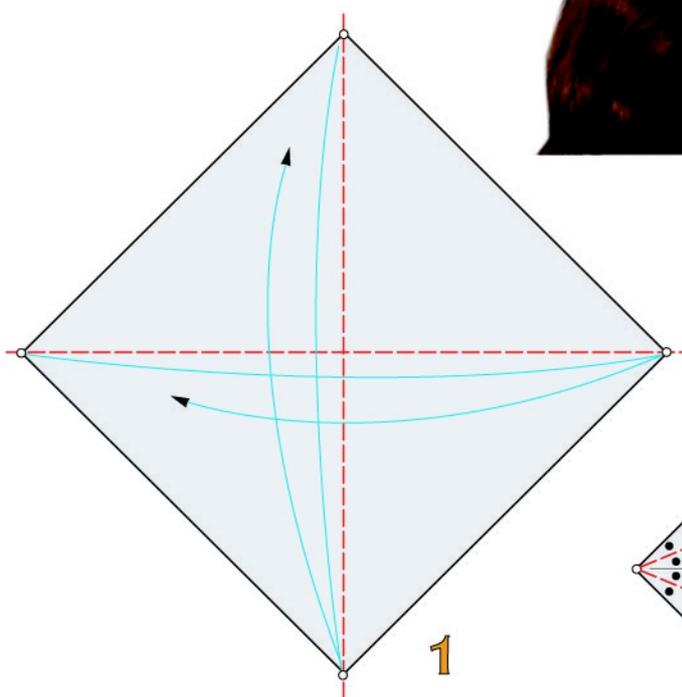
Vista tridimensionale. Cappello "da Hermes" ultimato

Cappello da ROBOT DA COMBATTIMENTO ★★★

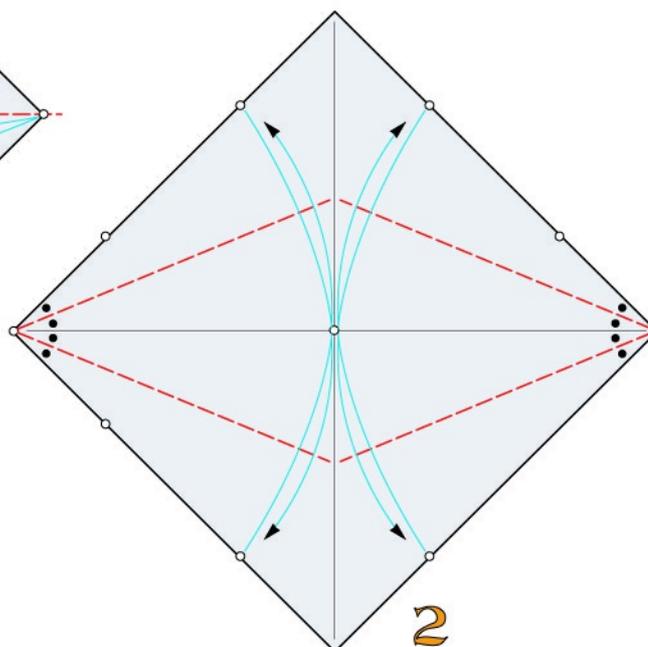
Il cappello si costruisce assemblando 2 elementi: un cappello - base "A" ed 1 elemento a 4 punte.

Adoperate 2 fogli di carta robusta o cartoncino.

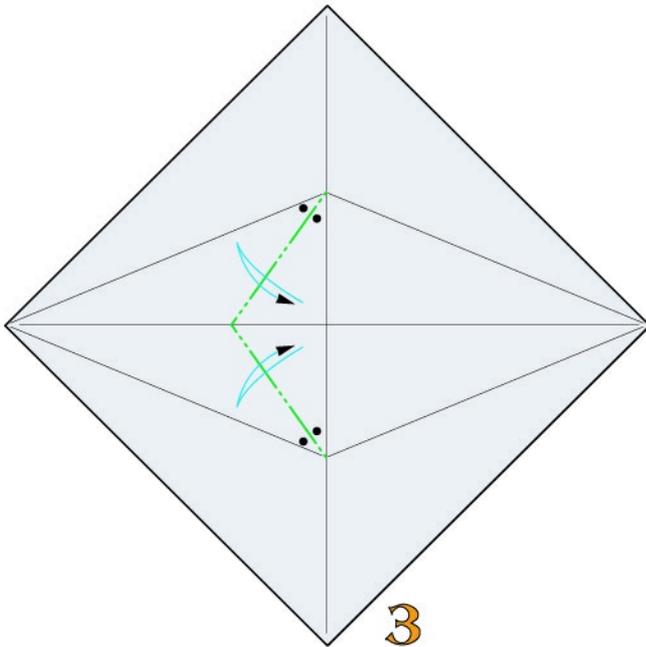
Per evitare che il peso della parte anteriore possa sbilanciare il cappello verso il basso, inserite un elastico ed indossate come un cappello western.



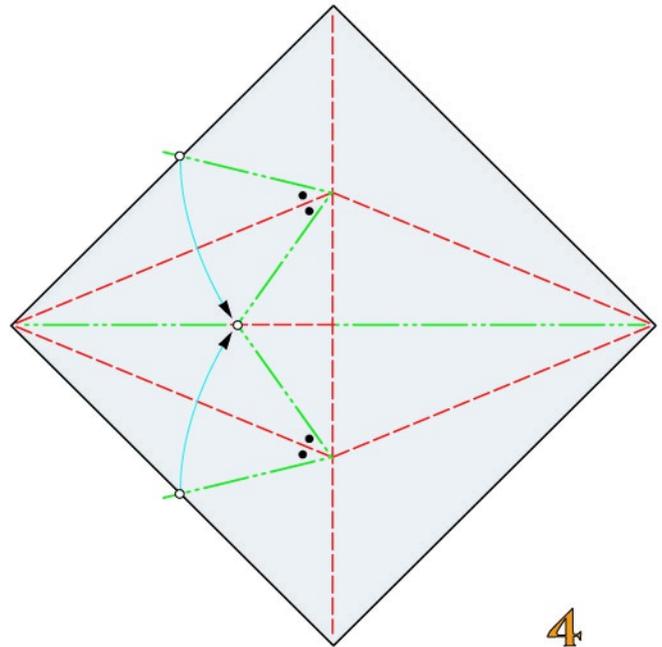
2 pieghe diagonali a valle



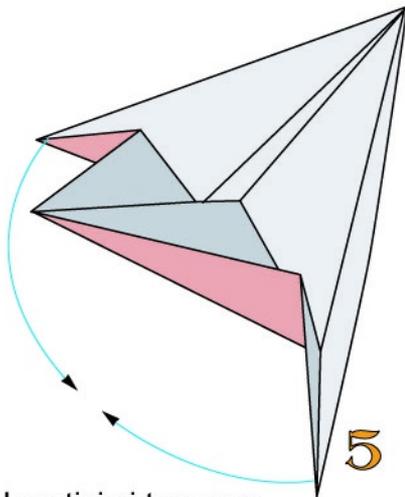
4 pieghe bisettrici a valle



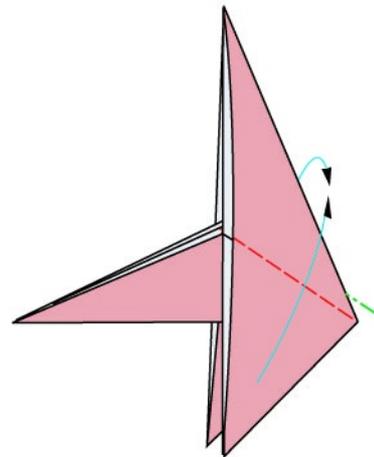
3
2 pieghe bisettrici a monte



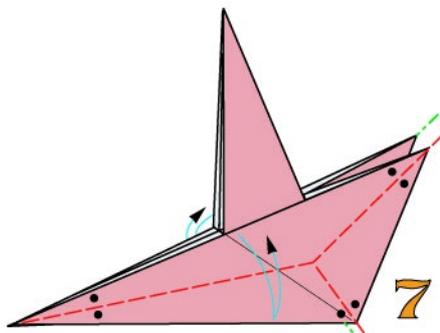
4
2 pieghe a monte e ripiegate 3D



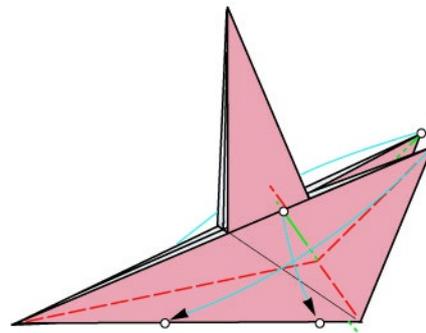
5
I vertici si toccano



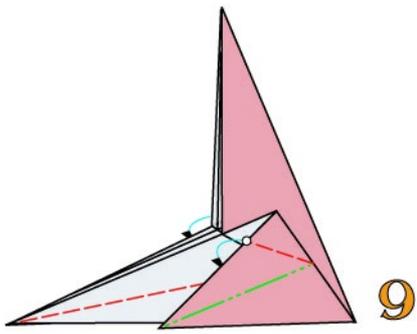
6
2 pieghe a valle, 1 per lato



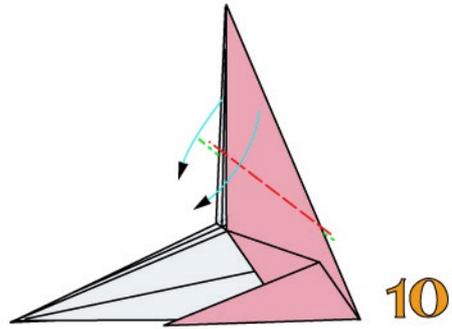
7
6 pieghe bisettrici a valle, 3 per lato



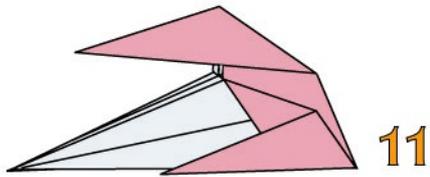
8
2 pieghe a valle e 2 a monte,
2 per lato, e ripiegate



2 pieghe a valle, 1 per lato e ripiegate

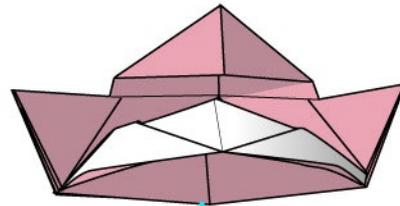


1 piega rovescia esterna

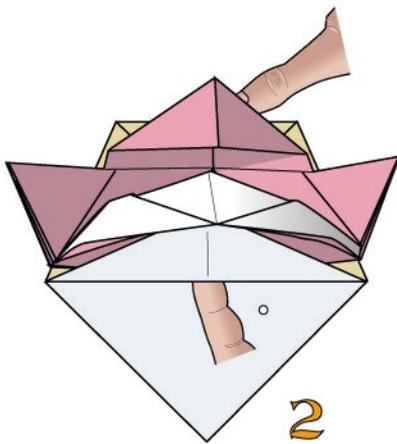


Elemento a punte ultimato

UNIONE DEI 2 ELEMENTI



1
Inserite l'elemento a punte
entro il cappello base A



2
Comprimendo
contemporaneamente
aprite 3D



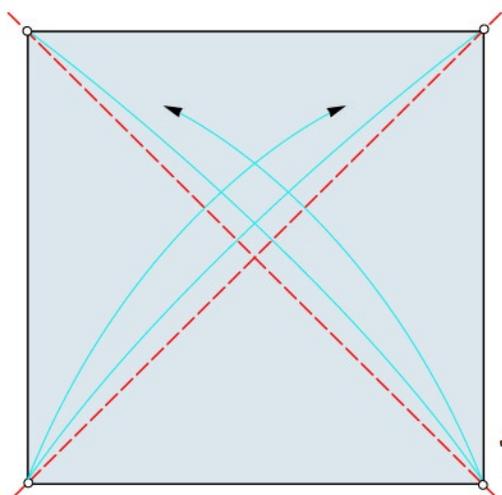
3
Vista tridimensionale.
Inserite un elastico. Cappello "da
robot da combattimento" ultimato

Cappello da **TORO** ★★★

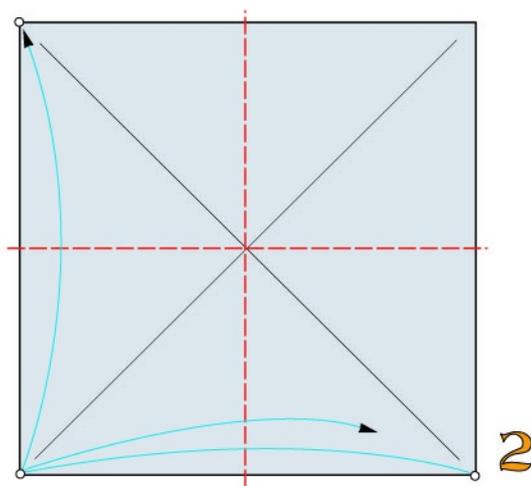


Il cappello si costruisce assemblando 2 elementi: un cappello -base "A" alla fig. n. 9 ed 1 elemento corna.
Adoperate 2 fogli quadrati di cartoncino,

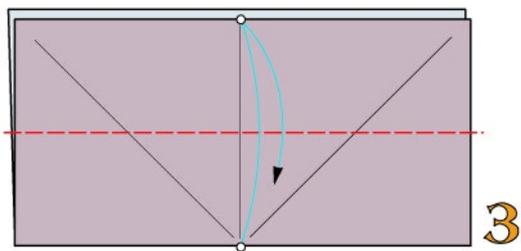
COSTRUZIONE DELL' ELEMENTO CORNA



2 pieghe diagonali a valle

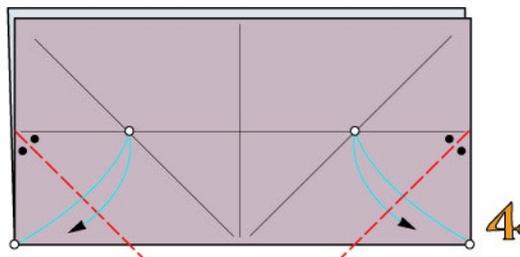


2 pieghe mediane a valle



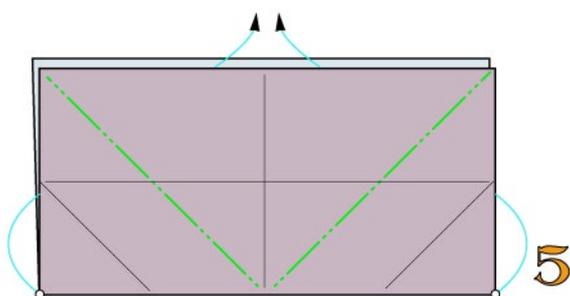
1 piega a valle

3



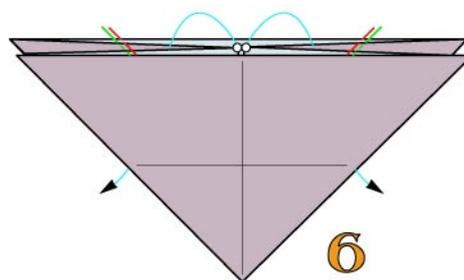
2 pieghe bisettrici a valle

4



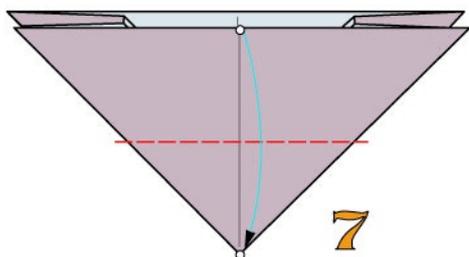
2 pieghe rovesce interne

5



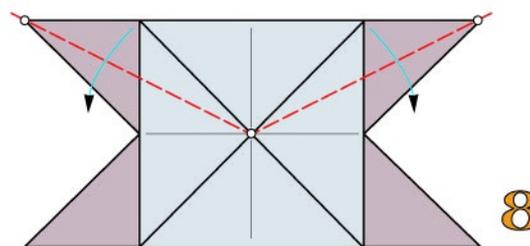
2 pieghe rovesce interne

6



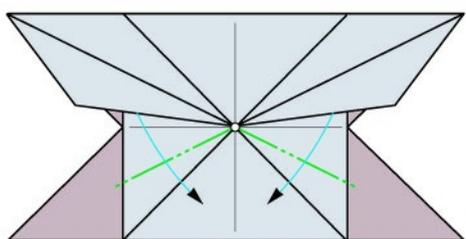
Ripiegate a valle

7



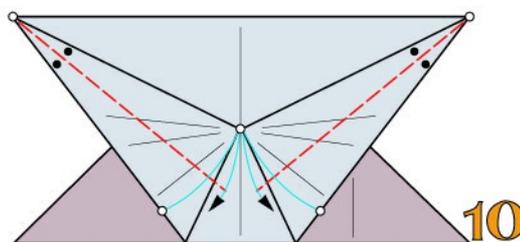
2 pieghe a valle

8



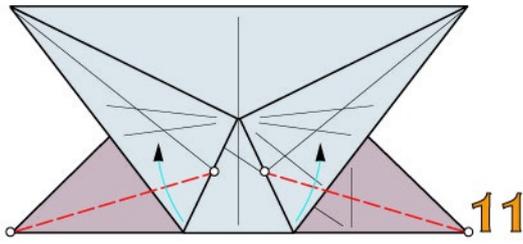
Estraete

9



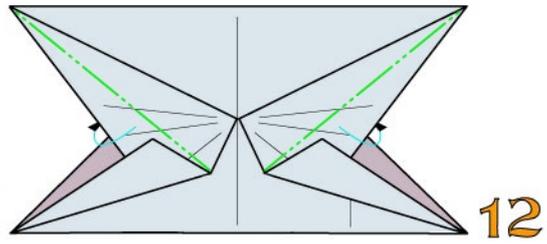
2 pieghe bisettrici a valle

10



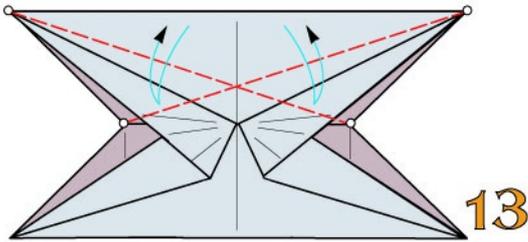
2 pieghe a valle

11



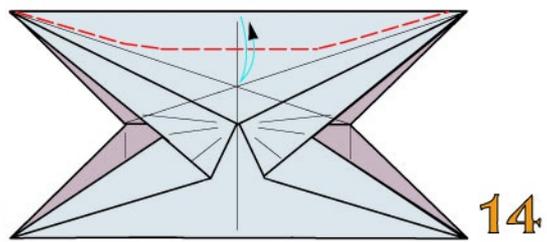
2 pieghe a monte ed intascate

12



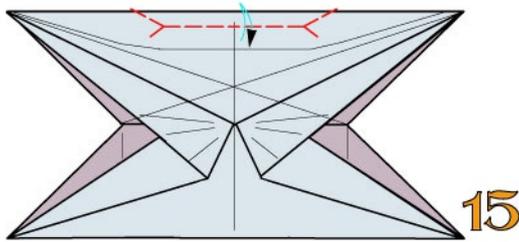
2 pieghe a valle

13



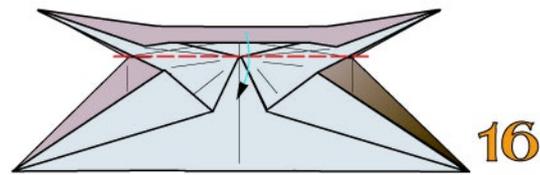
1 piega a valle

14



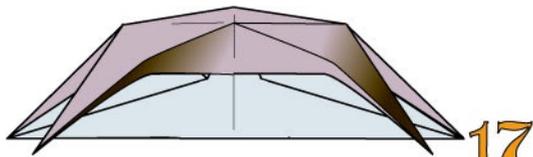
3 pieghe a valle e modellate 3D

15



1 piega a valle e modellate 3D

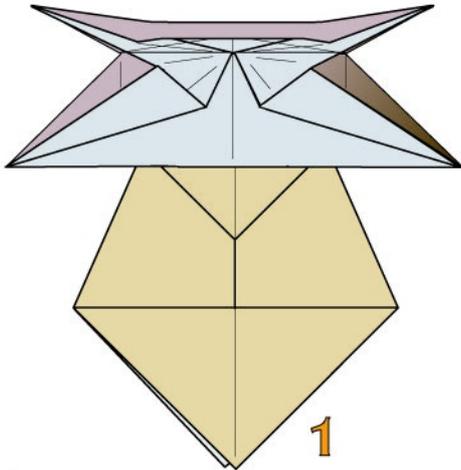
16



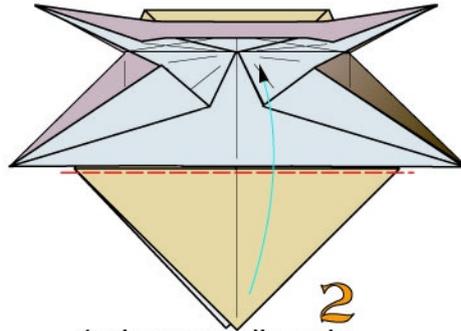
Elemento corna ultimato

17

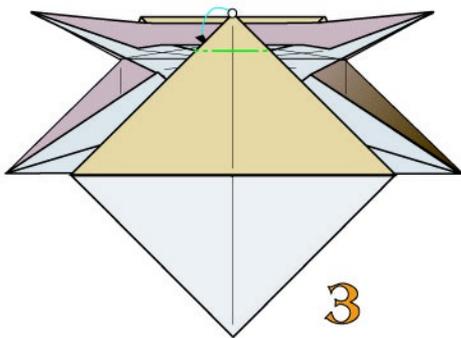
UNIONE DEI 2 ELEMENTI



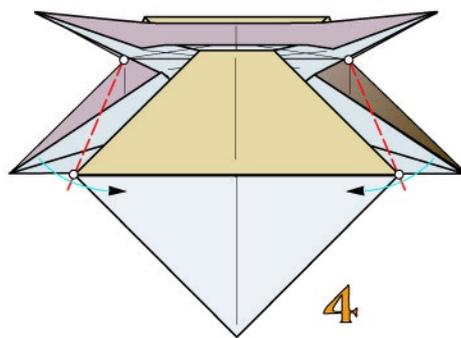
1
Sovrapponete l'elemento corno
sul cappello base



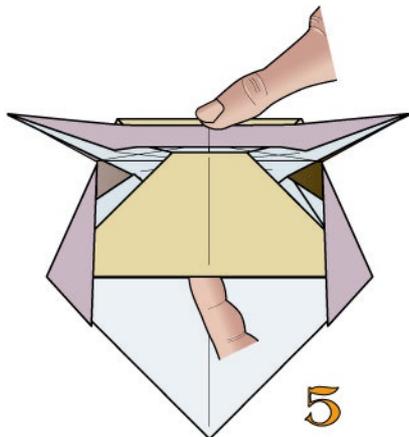
2
1 piega a valle solo
sulla superf. in vista



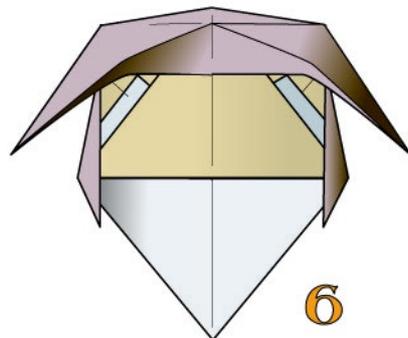
3
1 piega a monte ed intascate



4
2 pieghe a valle



5
Comprimendo contemporaneamente
aprite 3D



6
Cappello "da toro" ultimato

Cappello da DRAGO

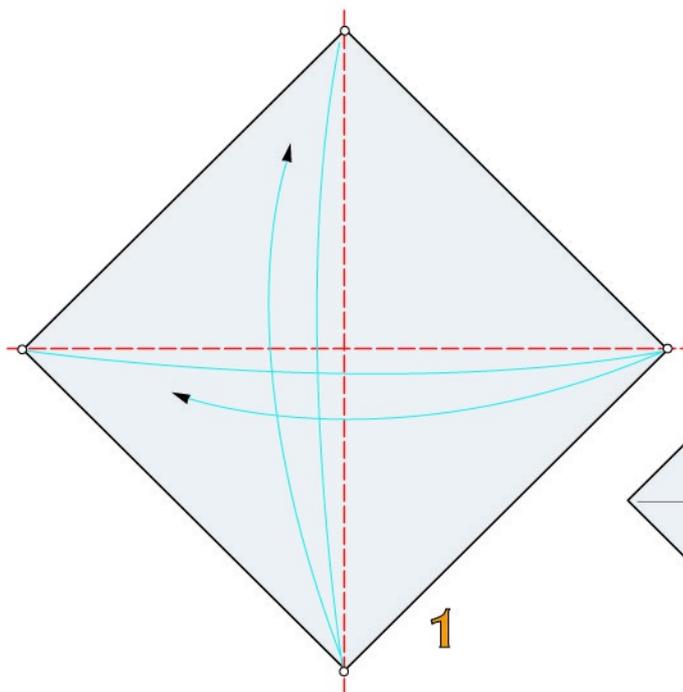


Il cappello si costruisce assemblando 2 elementi: un cappello - base "A" ed una maschera da drago, costruiti con cartoncino monocolore verde.

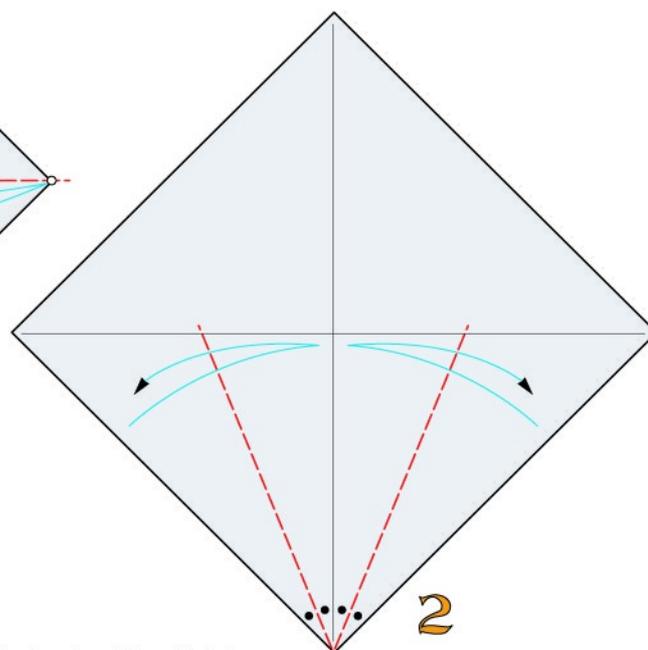
Per evitare che il peso della parte anteriore possa sbilanciare il cappello verso il basso, inserite un elastico ed indossate come un cappello western.



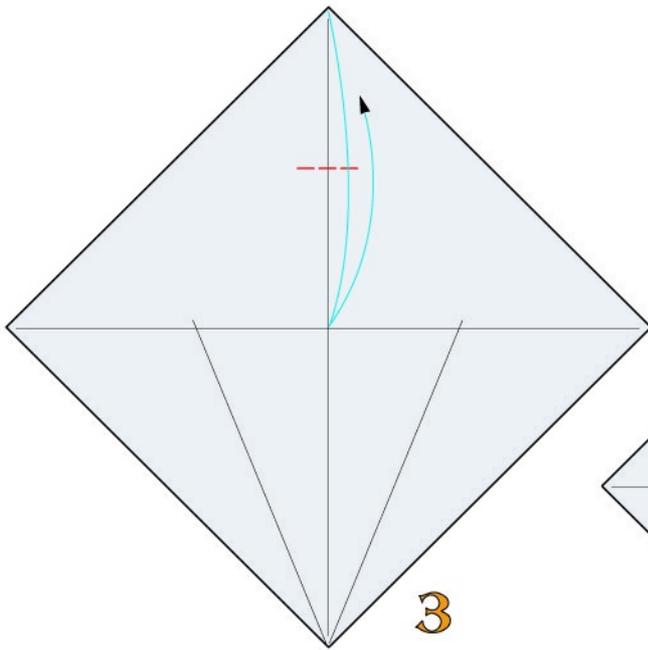
COSTRUZIONE DELLA MASCHERA



2 pieghe diagonali
a valle

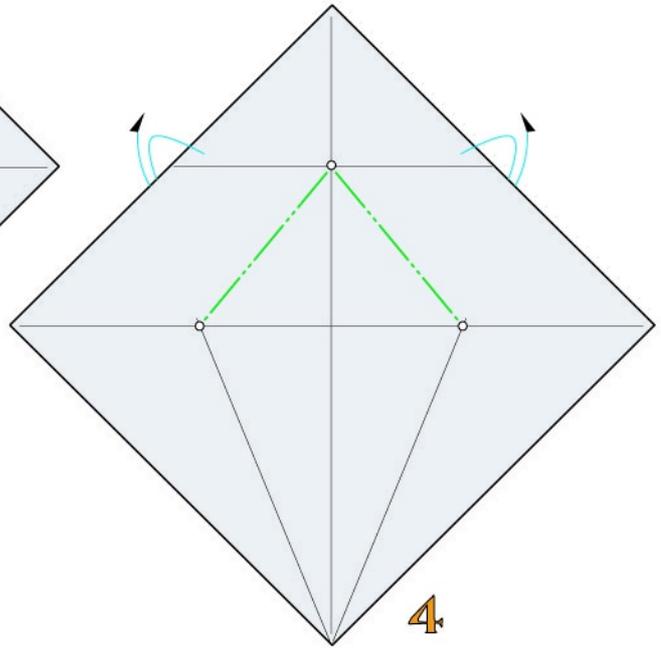


2 pieghe bisettrici
a valle



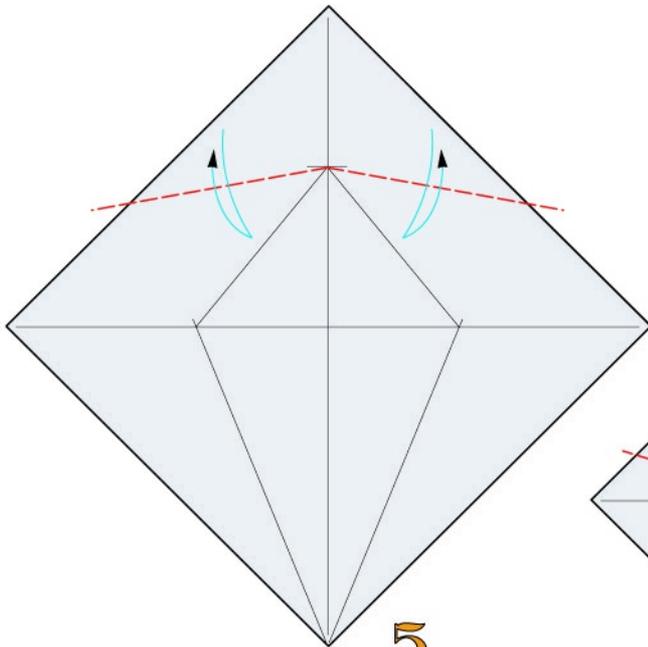
3

1 piccola piega a valle



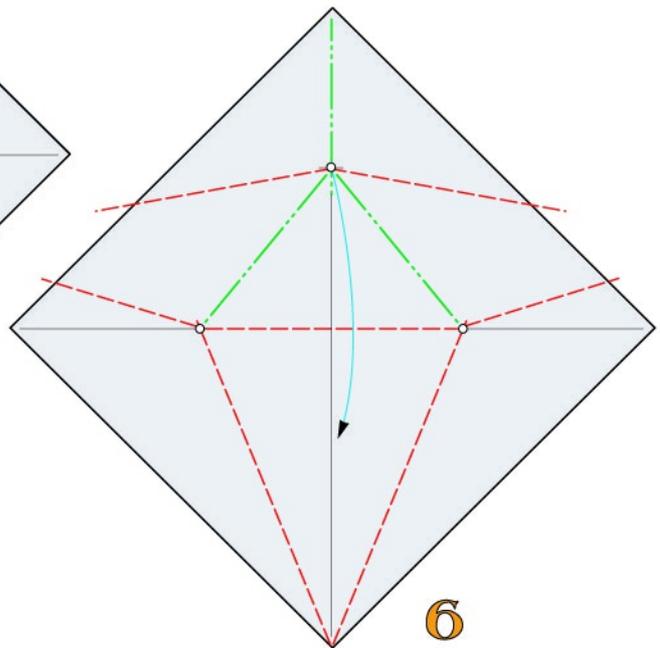
4

2 pieghe a monte



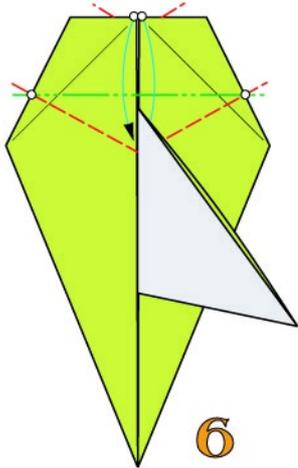
5

2 pieghe a valle



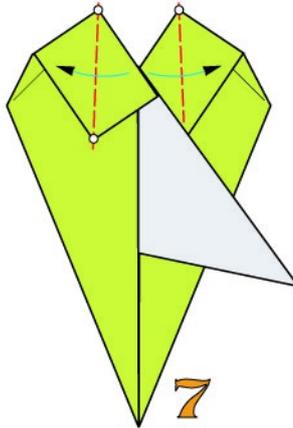
6

2 pieghe a valle e, ripiegando, modellate 3D



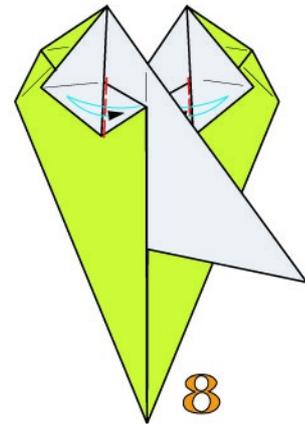
6

Vista con il corno
piegato verso destra.
4 pieghe a valle (2 non
visibili) e 2 a monte



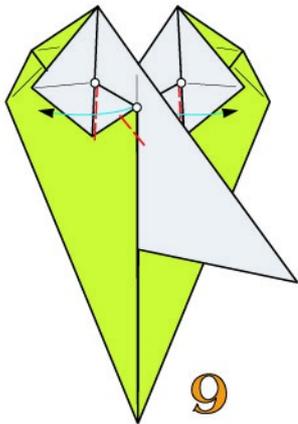
7

2 pieghe a valle



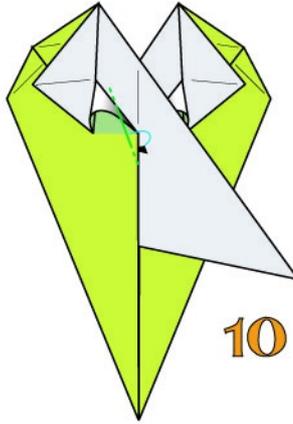
8

2 pieghe a valle



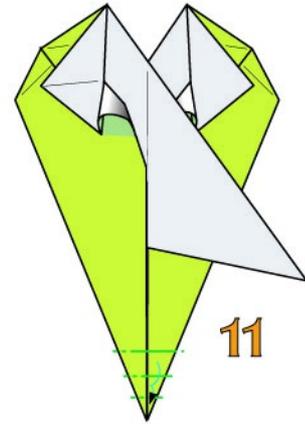
9

2 pieghe a valle
e modellate 3D



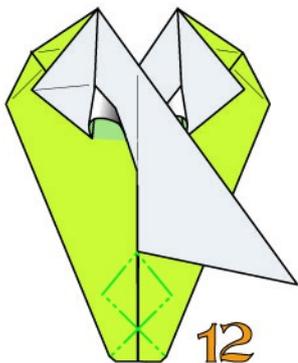
10

2 pieghe a monte
(1 non visibile)



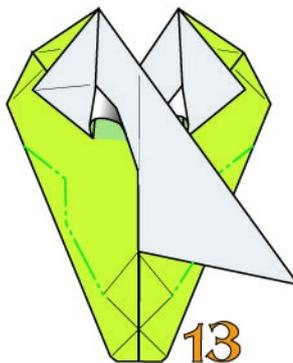
11

3 pieghe a monte
in successione



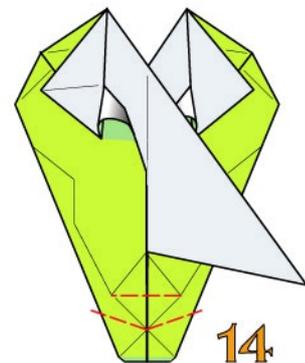
12

4 pieghe a monte
simmetriche



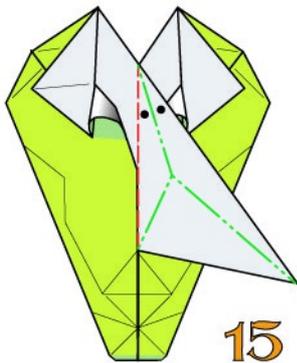
13

2 pieghe a monte
simmetriche



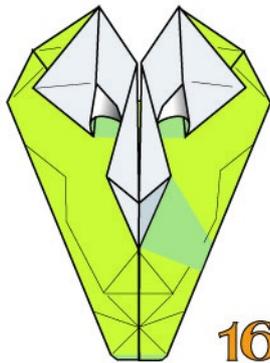
14

2 pieghe a valle



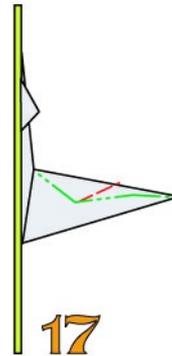
15

3 pieghe a monte ed 1 a valle per lato del corno



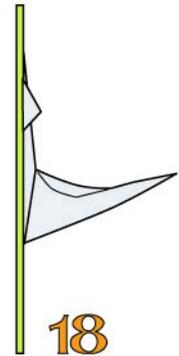
16

Vista con il corno in posizione verticale



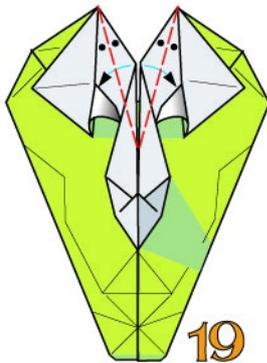
17

Vista laterale. 1 piega a valle ed 1 a monte per lato



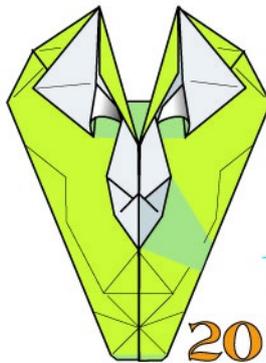
18

Vista laterale. Corno ultimato



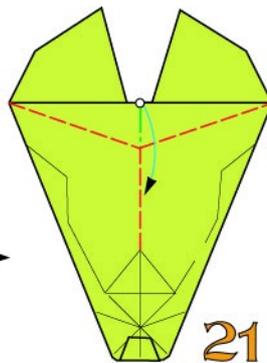
19

2 pieghe a valle



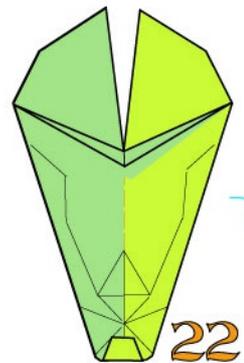
20

Ribaltate



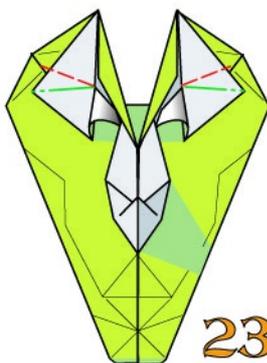
21

3 pieghe a valle e modellate 3D



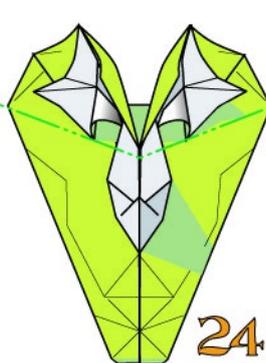
22

Ribaltate



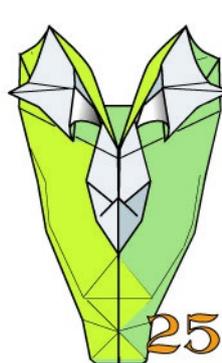
23

2 pieghe a valle e 2 a monte



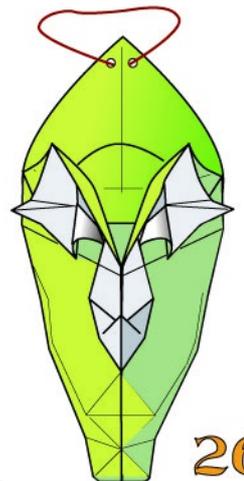
24

2 pieghe a monte



25

Maschera di drago ultimata. Montare sul cappello "A" similmente al caimano



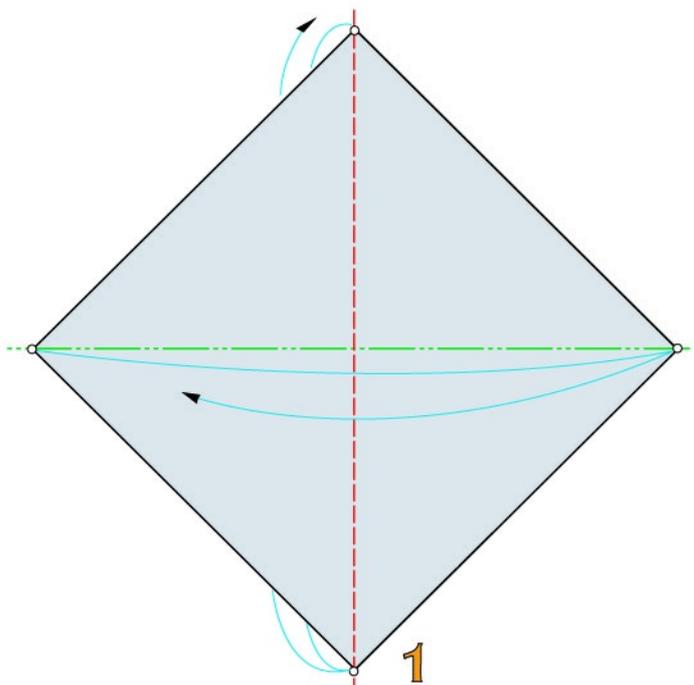
26

Inserite un elastico. Cappello "da drago" ultimato

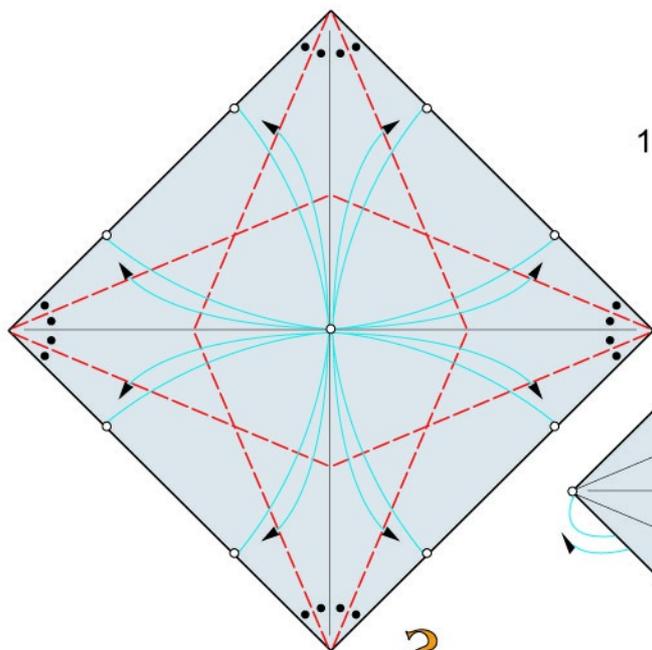
Cappello da MARAJÁ



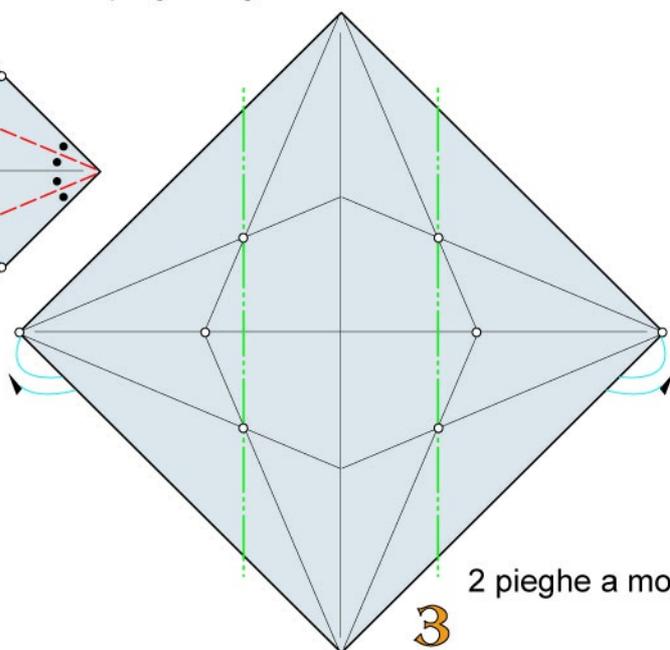
Adoperate un foglio quadrato di carta robusta o cartoncino leggero di dimensione cm 70-75 per adulti e 60-65 per bambini.



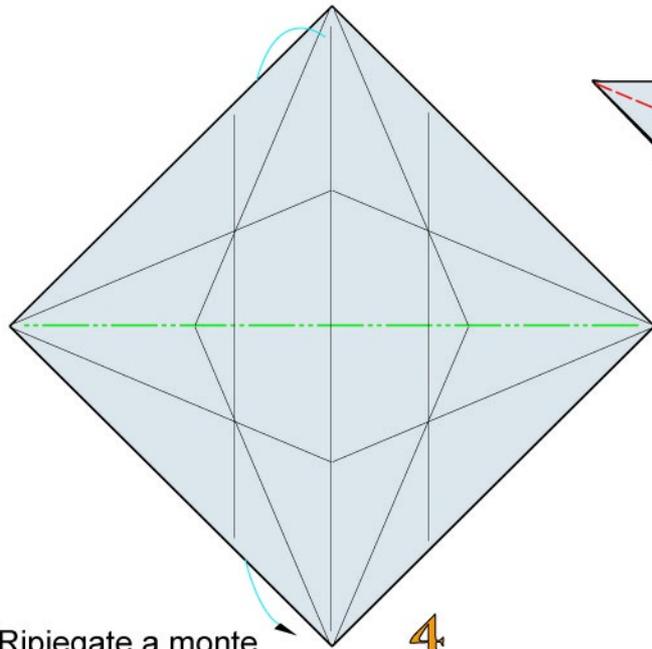
1
1 piega diagonale a valle ed 1 a monte



2
8 pieghe bisettrici a valle

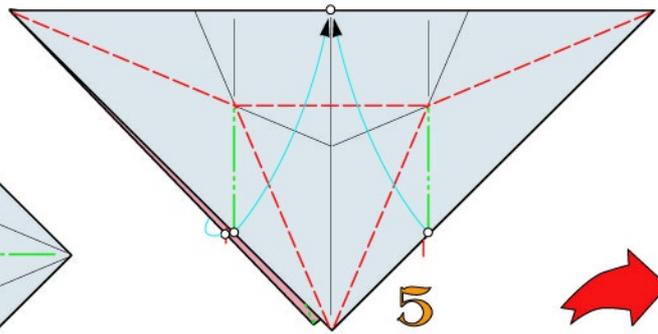


3
2 pieghe a monte



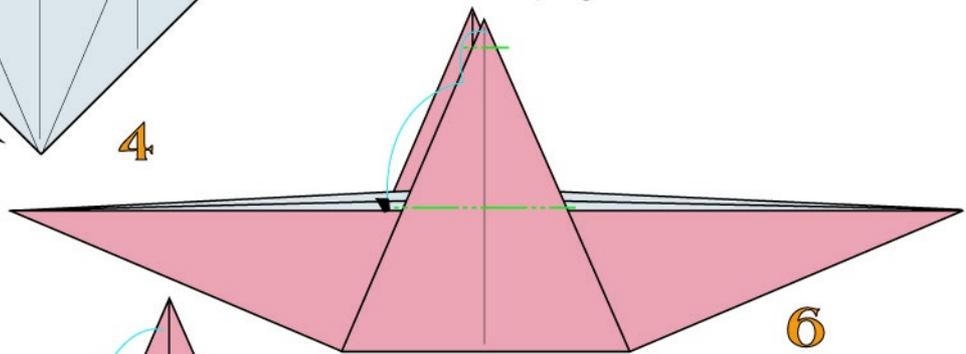
Ripiegate a monte

4



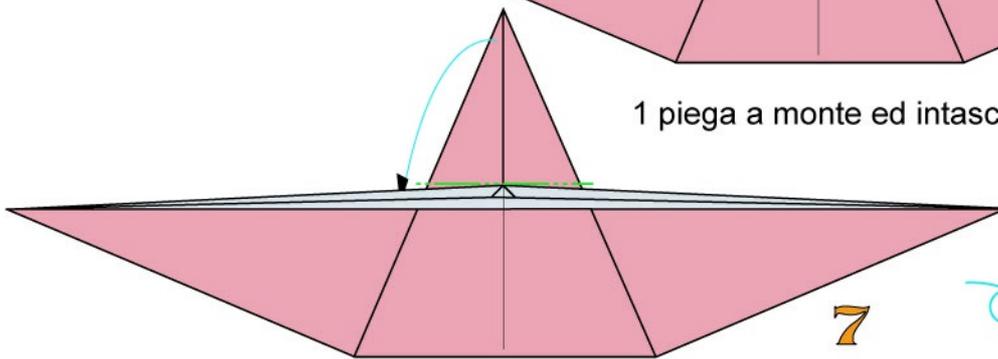
5

4 pieghe a monte, 2 per lato e ripiegate a valle



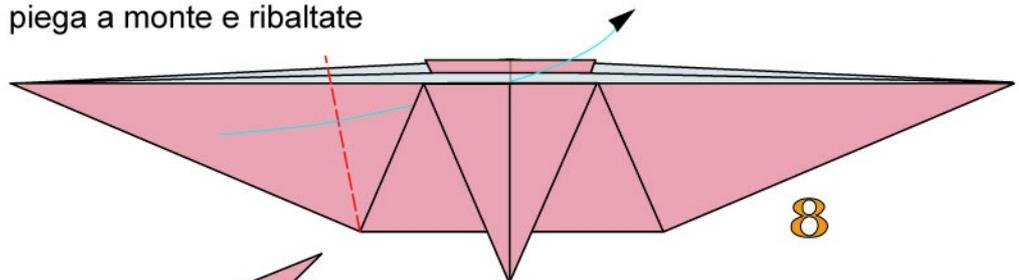
6

1 piega a monte ed intascate



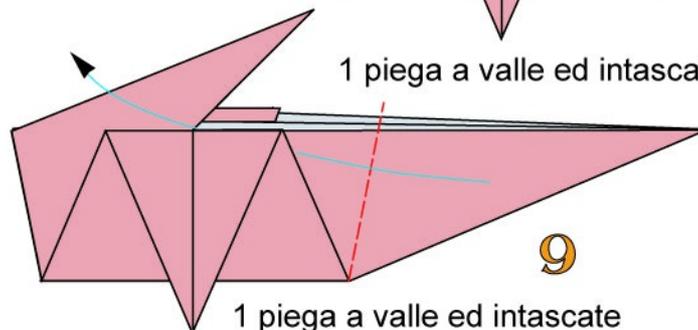
7

1 piega a monte e ribaltate



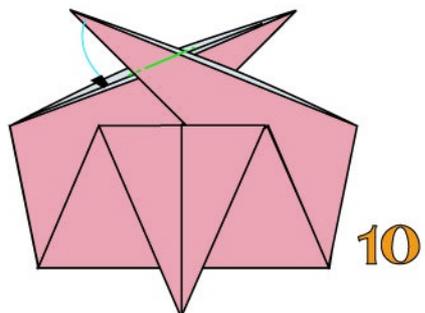
8

1 piega a valle ed intascate



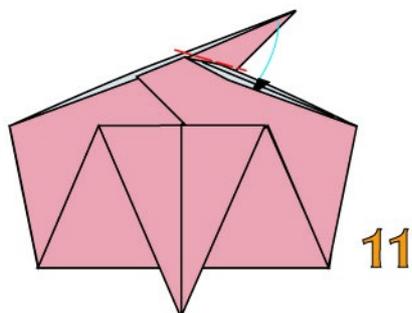
9

1 piega a valle ed intascate



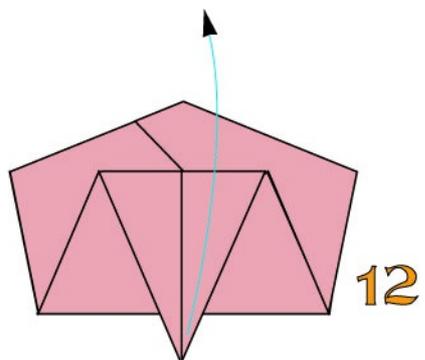
10

1 piega a monte ed intascate

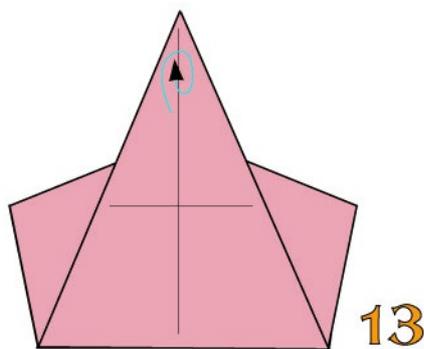


11

1 piega a valle ed intascate

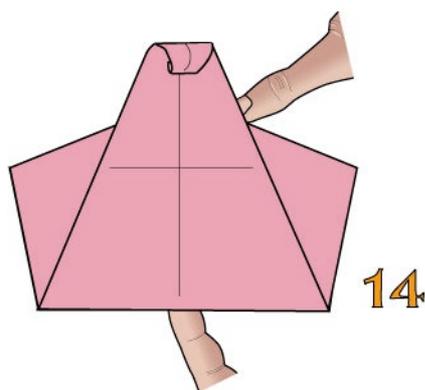


12



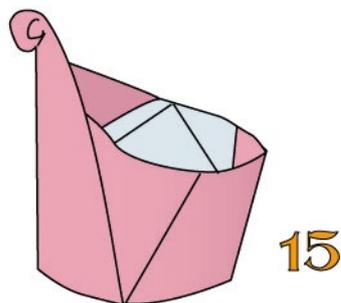
13

Arrotolate il vertice superiore



14

Comprimendo contemporaneamente
aprite 3D



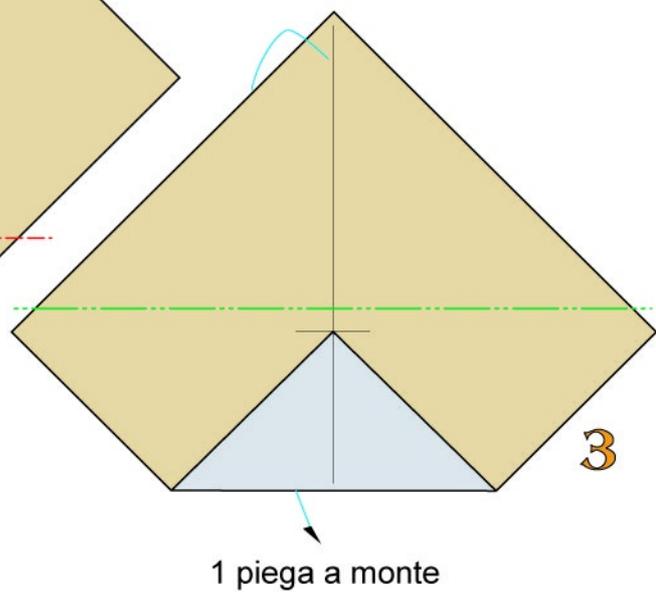
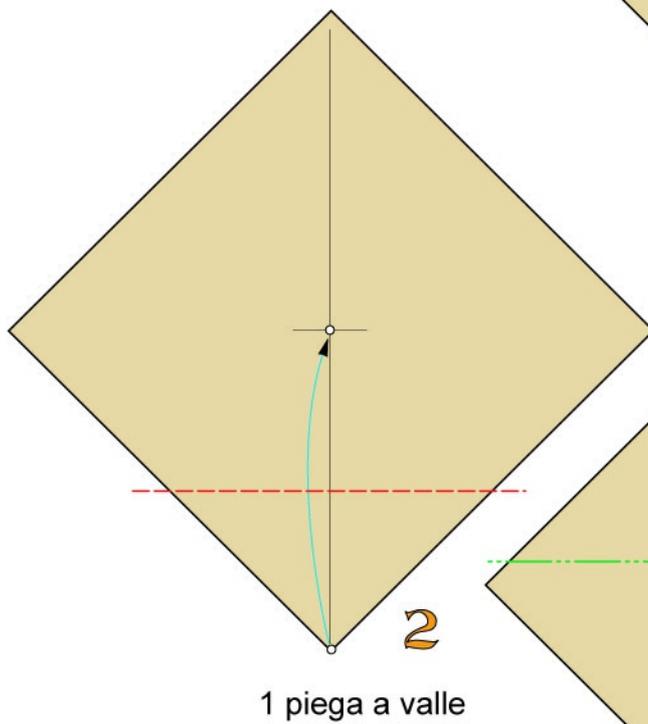
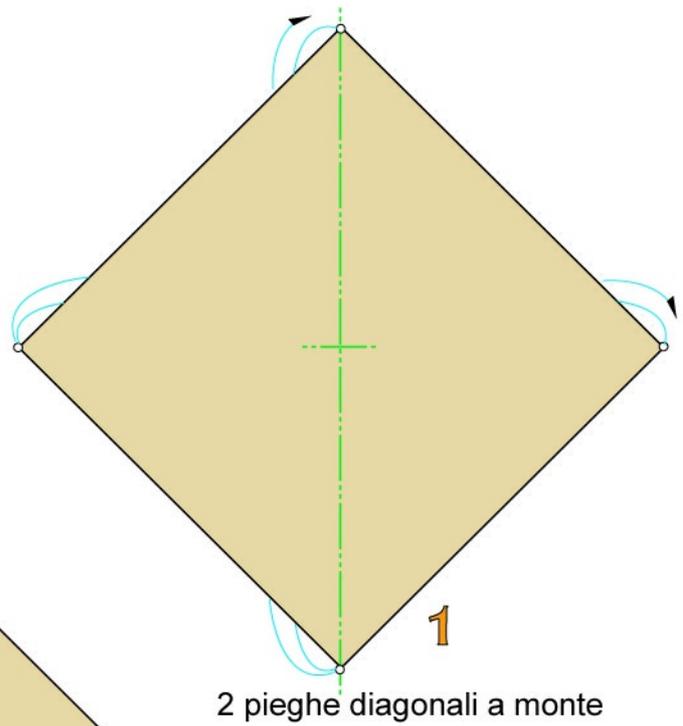
15

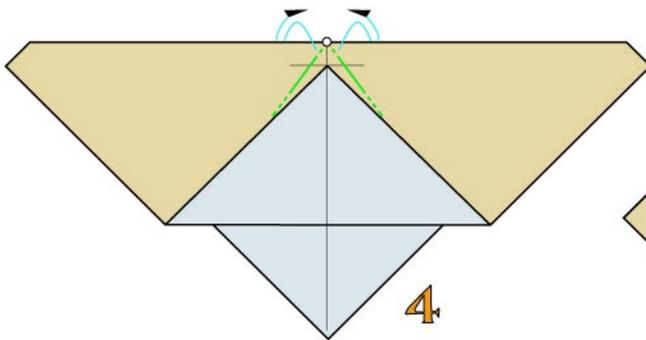
Vista tridimensionale.
Cappello "da marajà" ultimato

Cappello da CANARINO★★

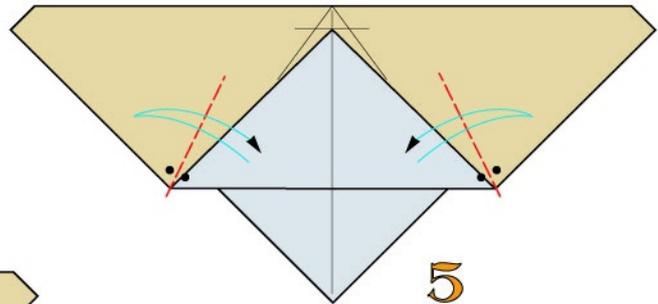


Adoperate 1 foglio quadrato di carta robusta o cartoncino leggero di dimensione cm 45-48 per adulti e 35-40 per bambini.

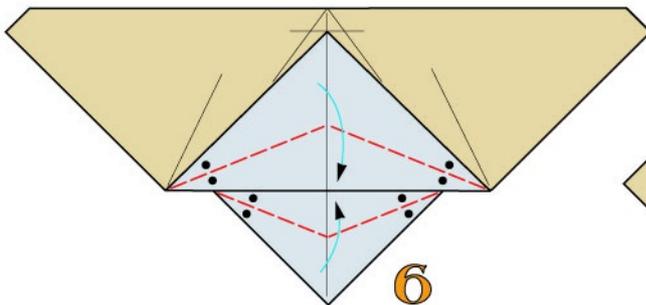




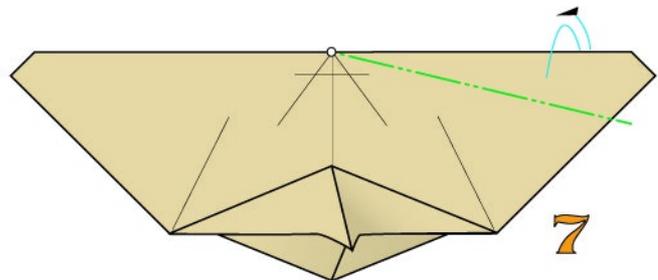
4
2 pieghe a monte



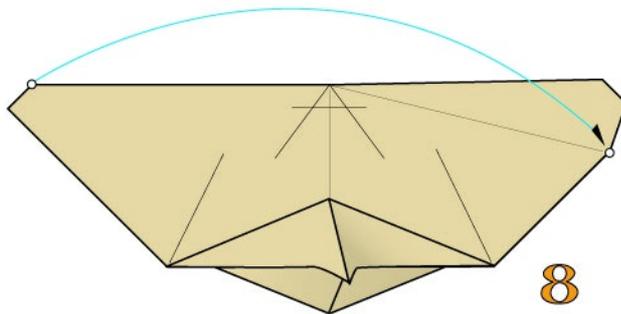
5
2 pieghe a valle



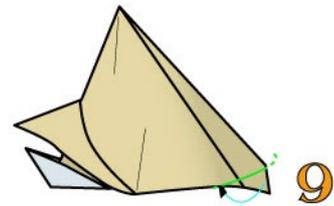
6
4 pieghe bisettrici a valle



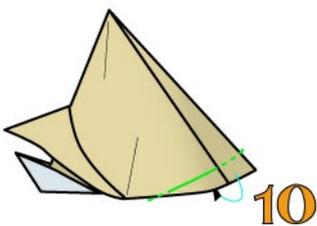
7
1 piega a monte



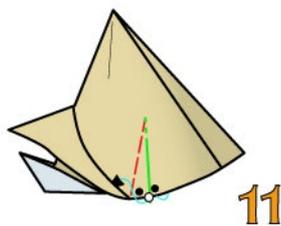
8
Ruotate sovrapponendo i vertici



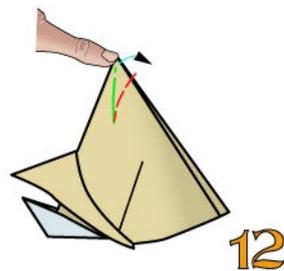
9
Vista laterale: 1 piega a monte ed intascate



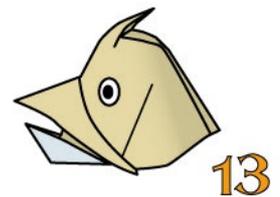
10
1 piega a monte



11
1 piega a monte per lato e ripiegando a valle intascate



12
2 pieghe a valle per lato e ripiegando a monte e comprimendo ruotate il vertice

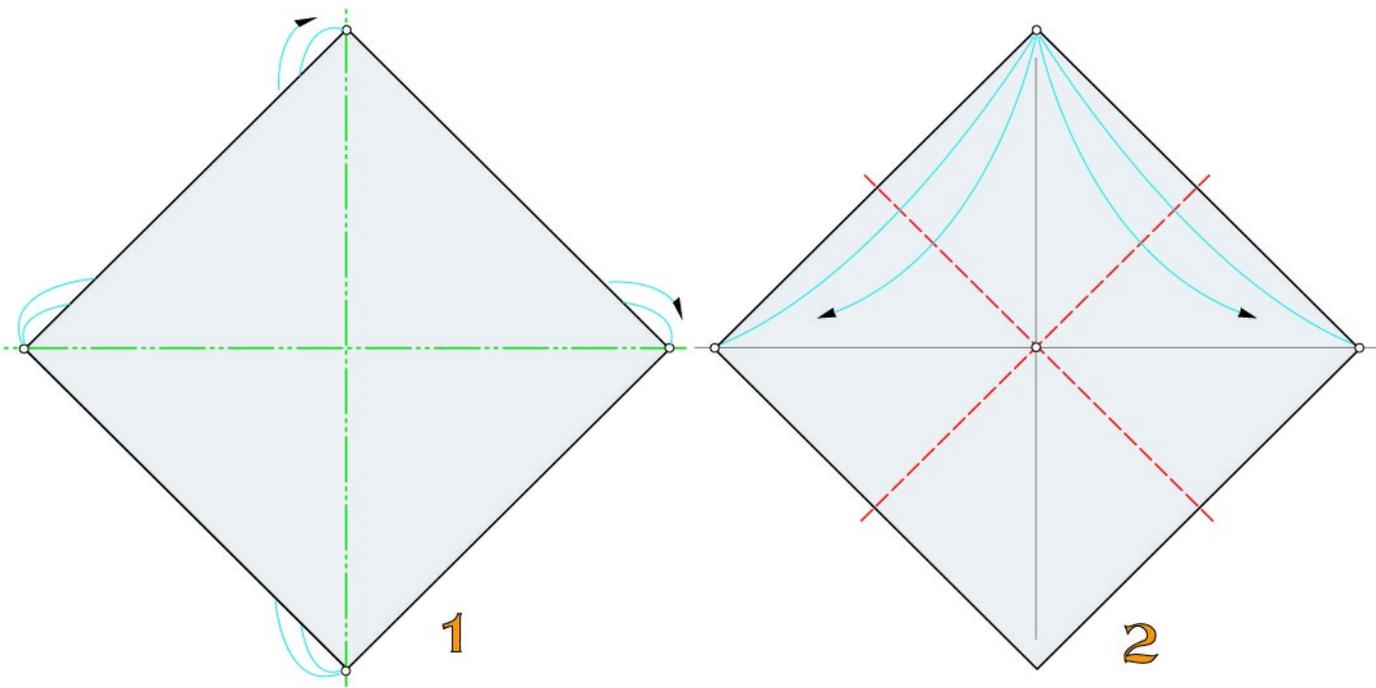


13
Cappello "da canarino" ultimato

Cappello da **ASINO** ★★

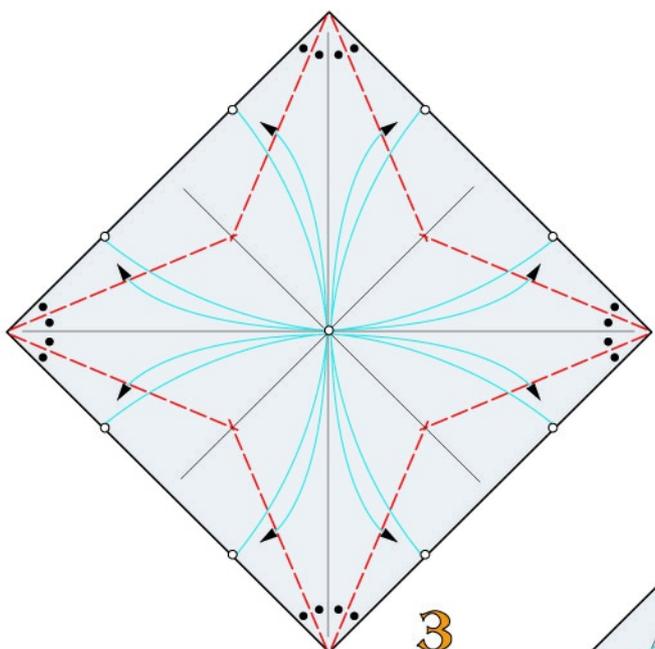


Adoperate 1 foglio quadrato di carta robusta o cartoncino leggero di dimensione cm 75-80 per adulti e 60-65 per bambini.

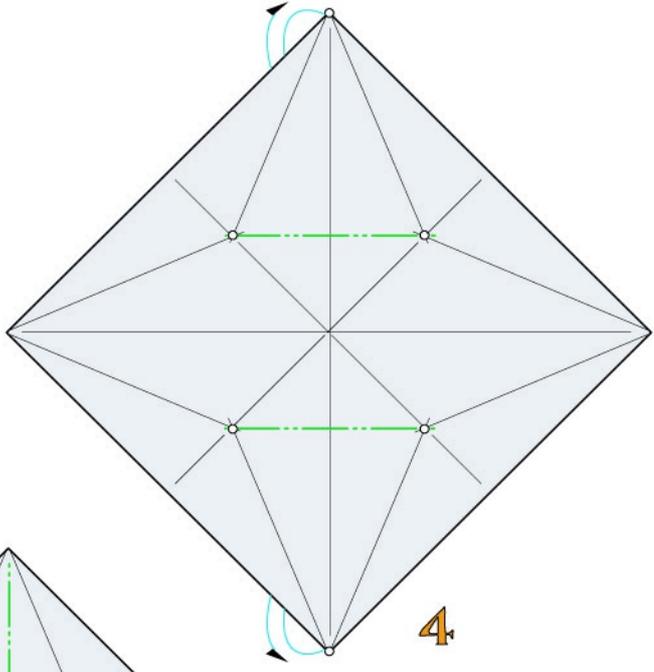


2 pieghe bisettrici a monte

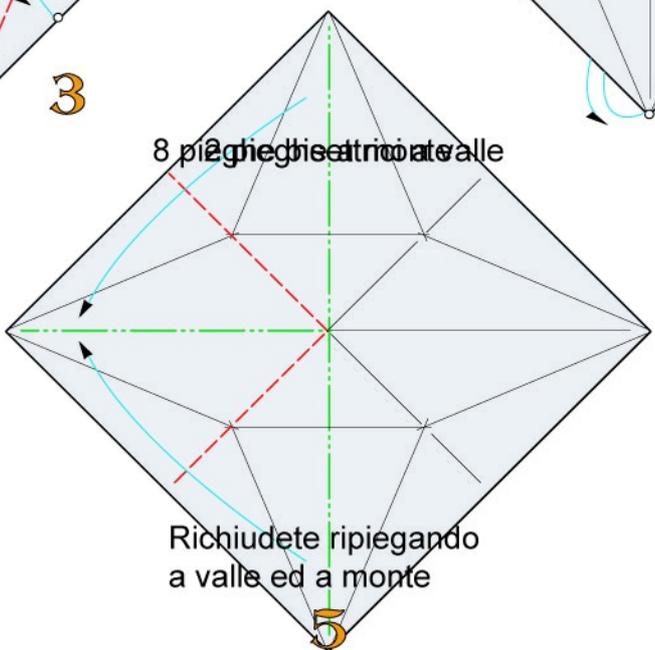
2 pieghe mediane a valle



3



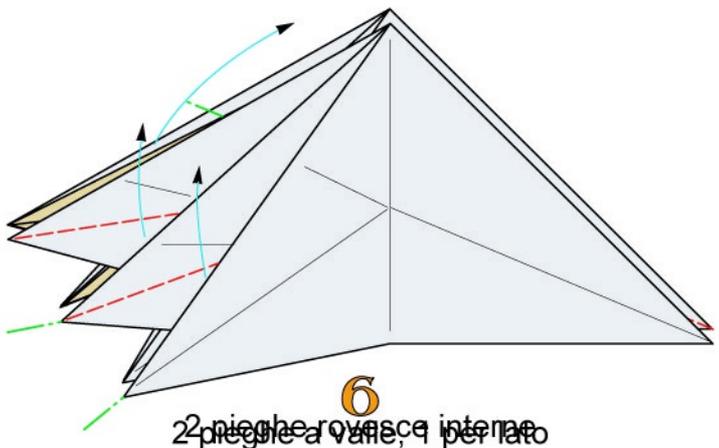
4



8 pieghe in totale

Richiudete ripiegando a valle ed a monte

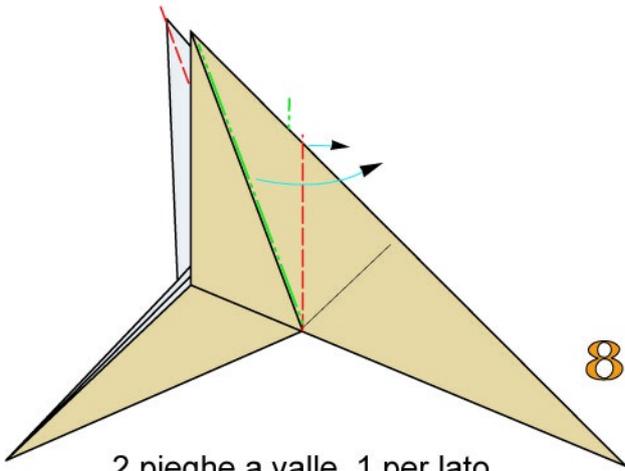
5



2 pieghe rovesce interne
2 pieghe a valle, 1 per lato

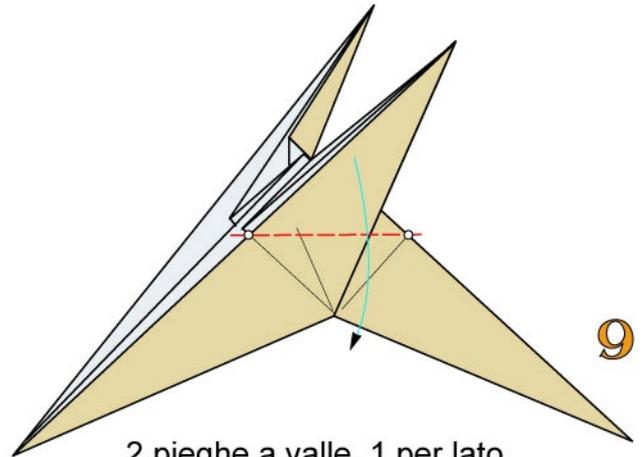
6

7



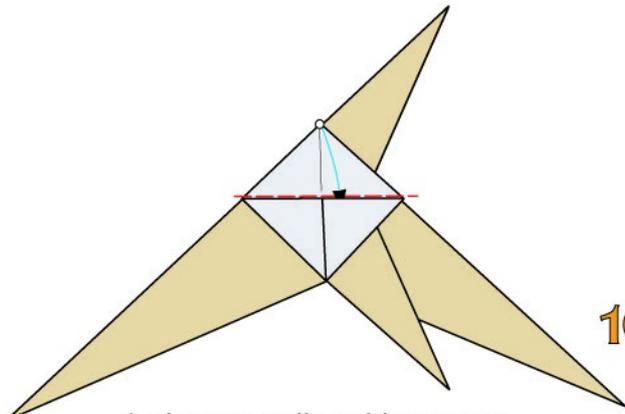
8

2 pieghe a valle, 1 per lato e ripiegate a monte



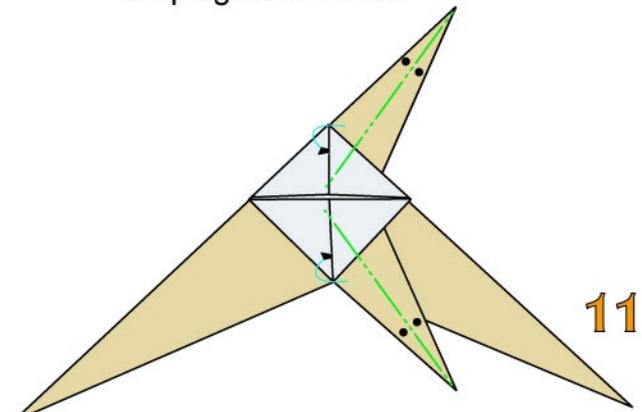
9

2 pieghe a valle, 1 per lato e ripiegate a monte



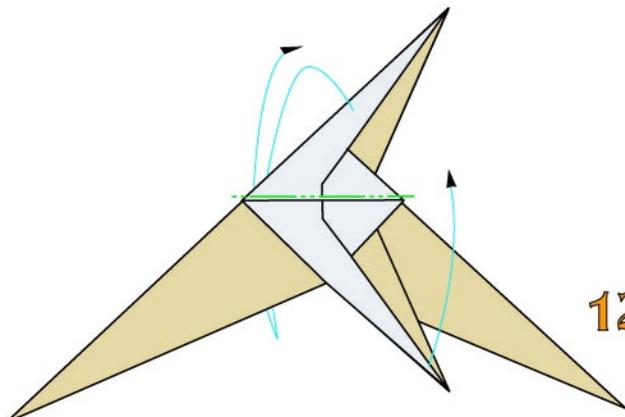
10

1 piega a valle ed intascate



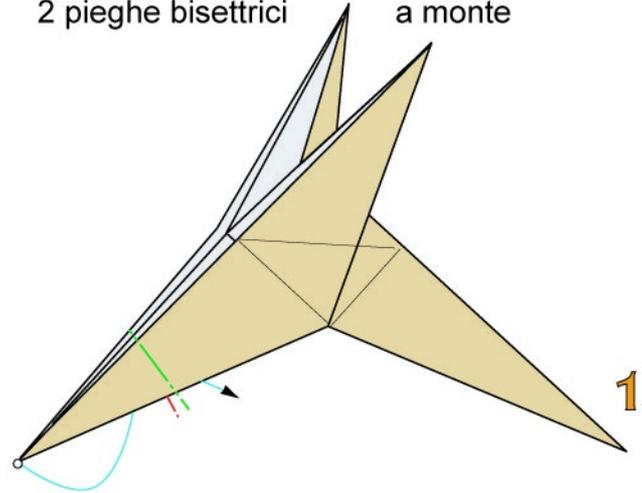
11

2 pieghe bisettrici a monte



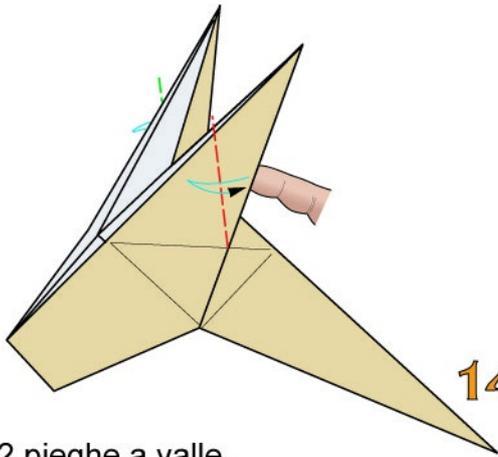
12

1 piega a monte e ripiegate a valle

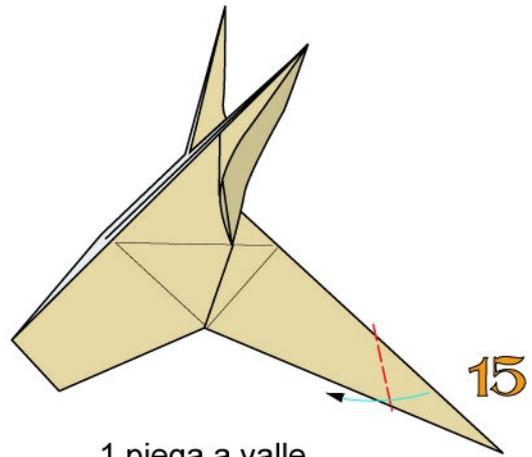


13

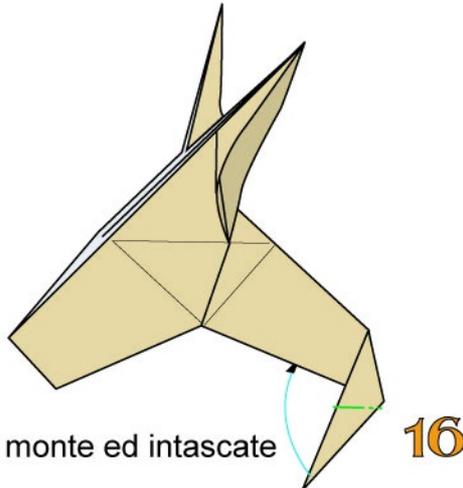
1 piega rovescia interna



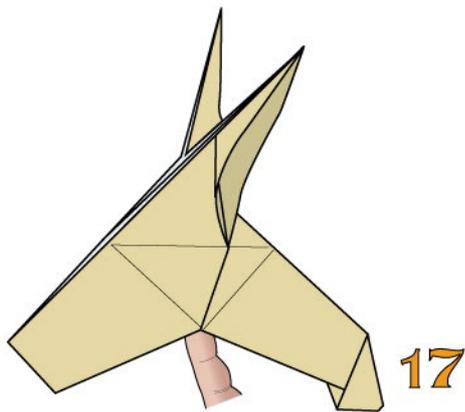
2 pieghe a valle,
1 per lato e aprite 3D le orecchie



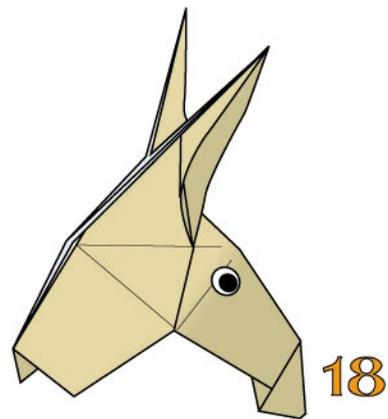
1 piega a valle



1 piega a monte ed intascate



Aprite modellando 3D



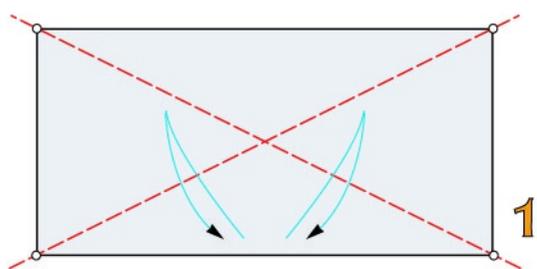
Cappello "da asino" ultimato

ELMO GIAPPONESE ★

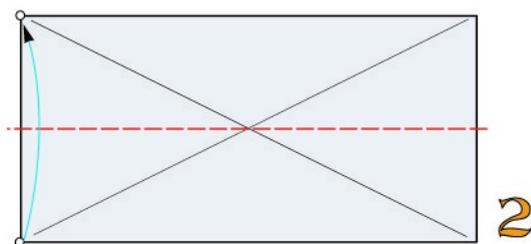


L'elmo si costruisce assemblando 3 elementi: un cappello-base "A" e 2 elementi aggiuntivi, costruiti con 2 mezzi fogli quadrati di colore differente, monocolori o bicolori.

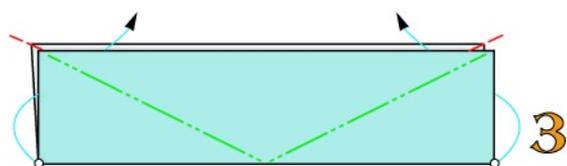
COSTRUZIONE DEL PRIMO ELEMENTO



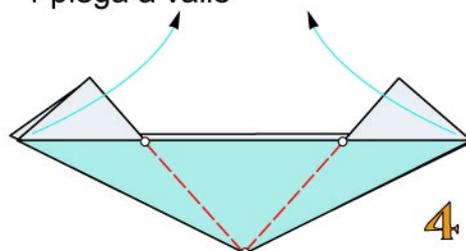
2 pieghe diagonali a valle



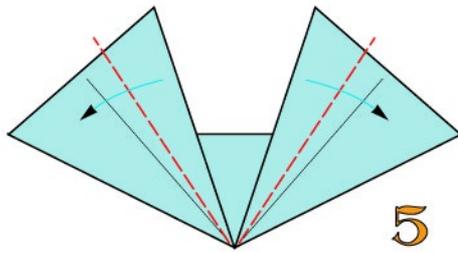
1 piega a valle



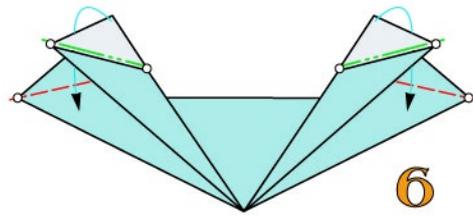
2 pieghe rovesce interne



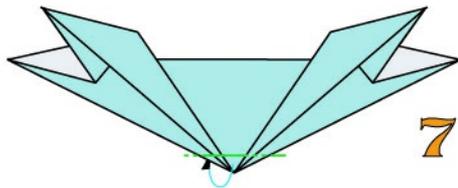
2 pieghe a valle



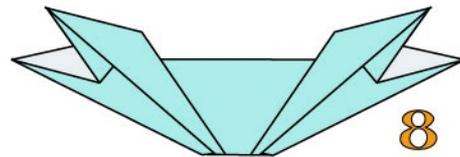
2 pieghe a valle



2 pieghe rovesce interne

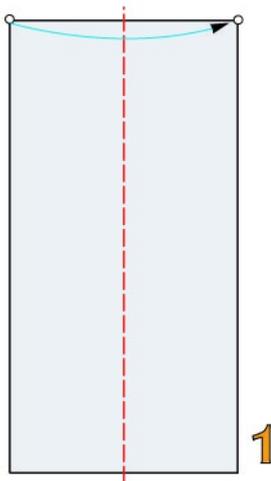


1 piega a monte

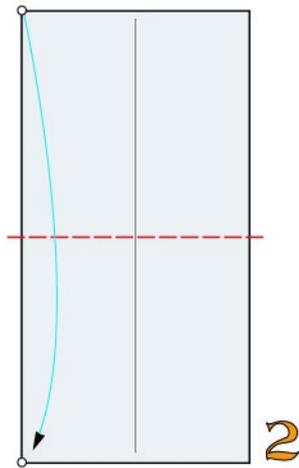


Primo elemento ultimato

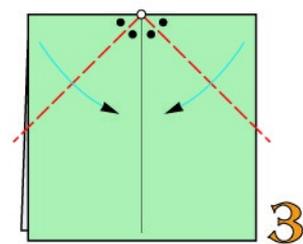
COSTRUZIONE DEL SECONDO ELEMENTO



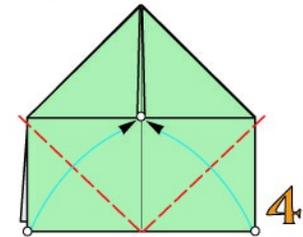
1 piega a valle



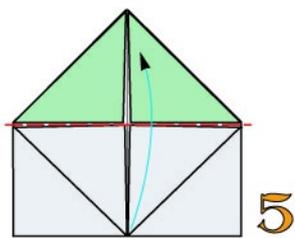
1 piega a valle



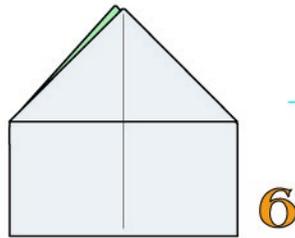
2 pieghe bisettrici a valle



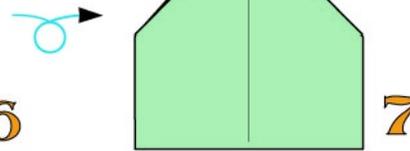
2 pieghe a valle



1 piega a valle

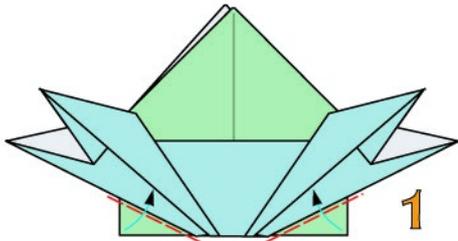


Ribaltate

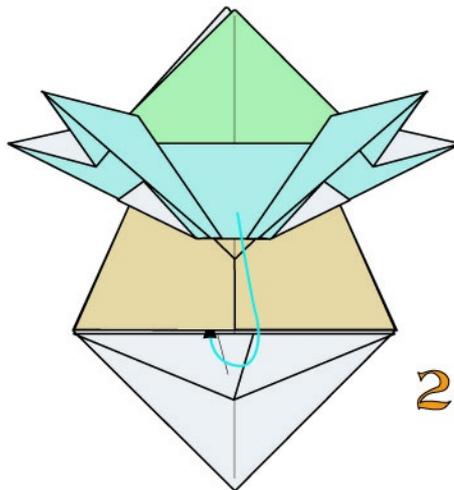


Secondo elemento ultimato

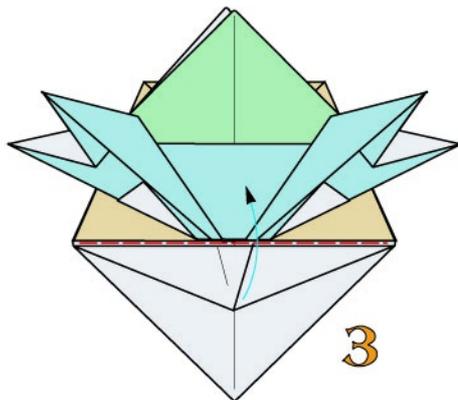
MONTAGGIO DEI 3 ELEMENTI



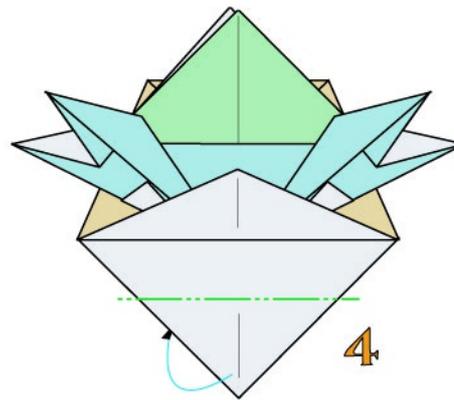
Sovrapponete l' elemento
1 a quello 2 ed eseguite 2
pieghe a valle



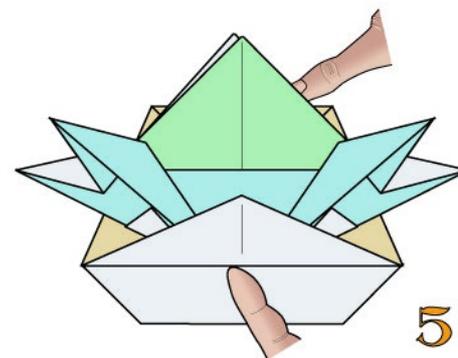
Intascate il triangolino inferiore
non visibile dell'el. 1 entro un
cappello base A



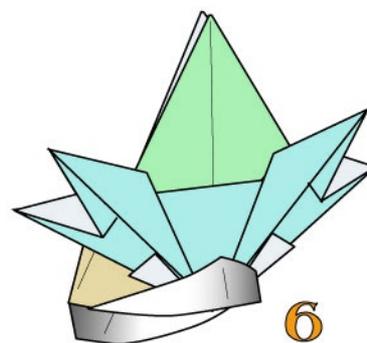
Ripiegate a valle



1 piega a monte



Comprimendo contemporaneamente
aprite 3D



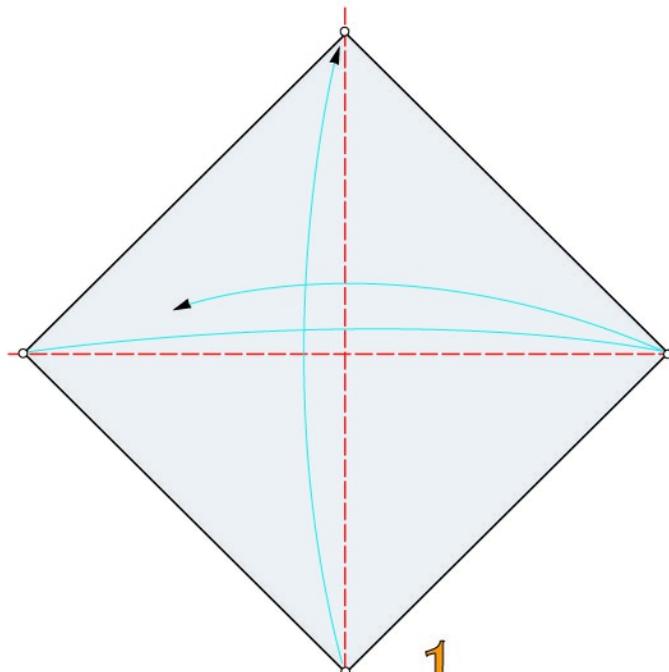
Vista tridimensionale:
"elmo giapponese" ultimato

ELMO DA PARATA **

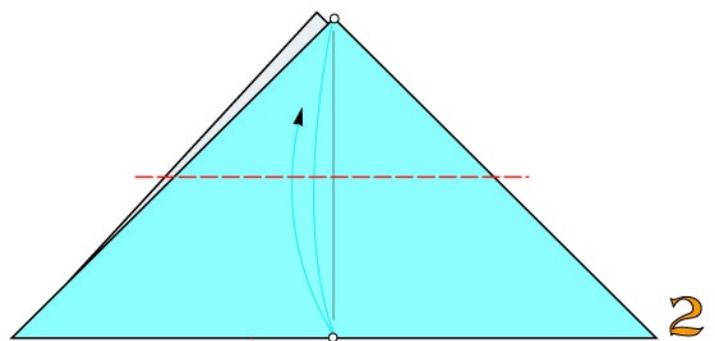
L'elmo si costruisce assemblando
2 elementi: un cappello-base "A" e
1 elemento aggiuntivo, costituito da
paraguance e paranaso.
Adoperate 2 fogli di cartoncino.



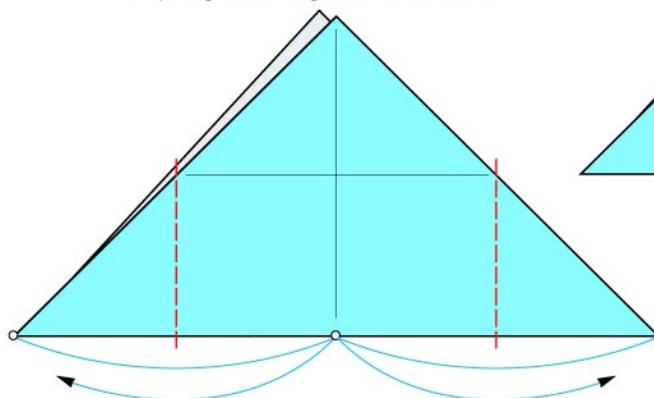
COSTRUZIONE DELL'ELEMENTO AGGIUNTIVO



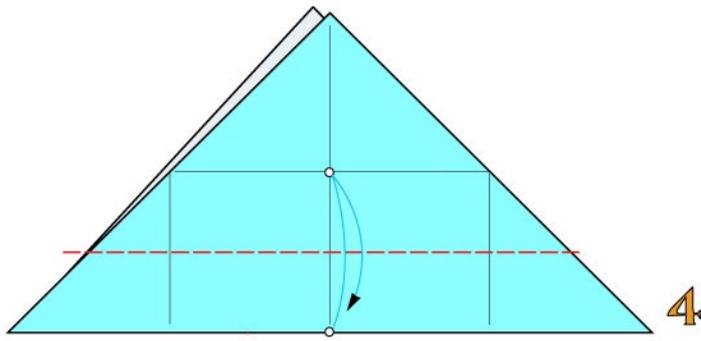
1
2 pieghe diagonali a valle



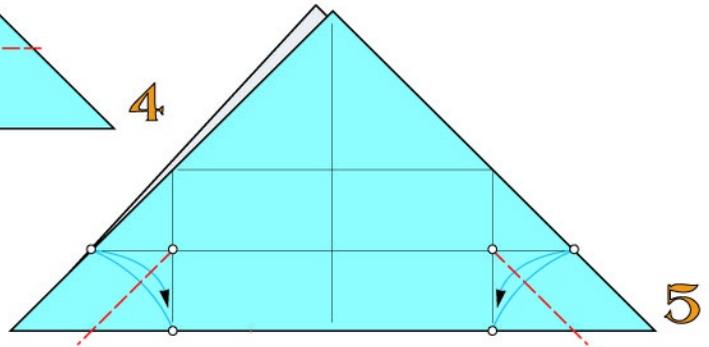
2
1 piega a valle



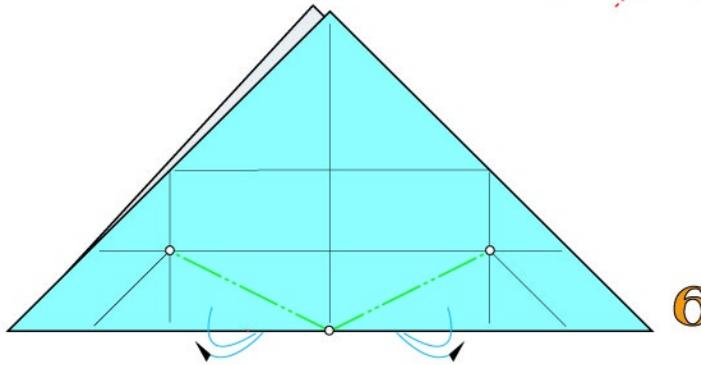
3
2 pieghe a valle



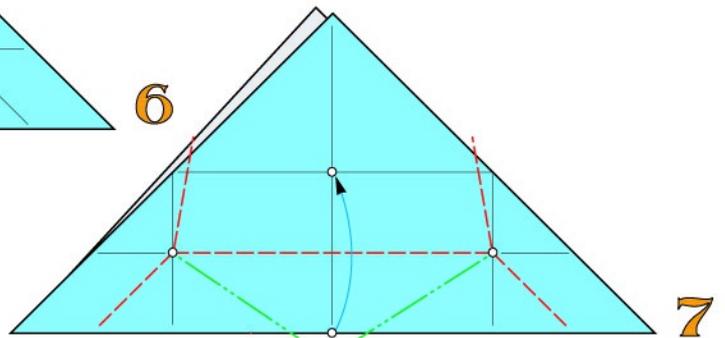
1 piega a valle



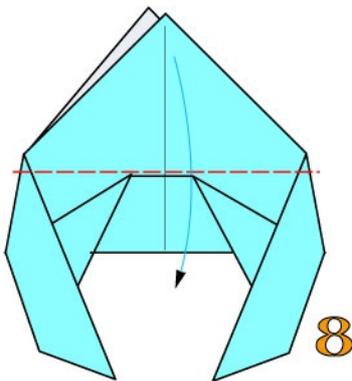
2 pieghe a valle



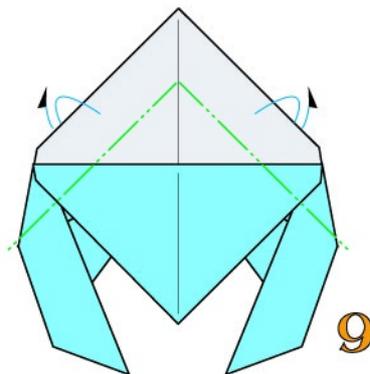
2 pieghe a monte



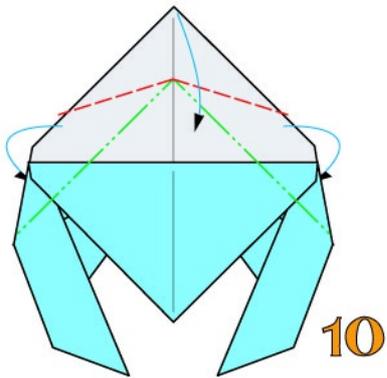
2 pieghe a valle e ripiegate



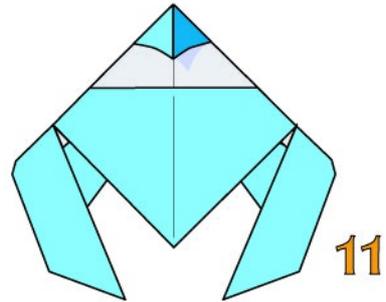
1 piega a valle solo sulla sup. in vista



2 pieghe a monte

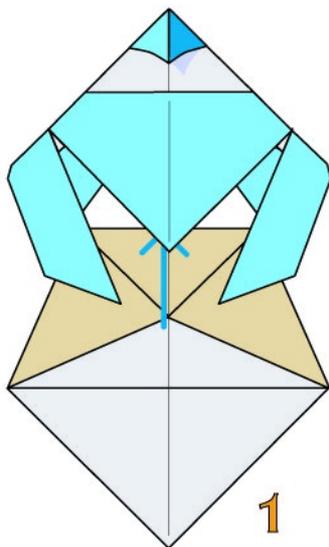


2 pieghe a valle e modellate 3D

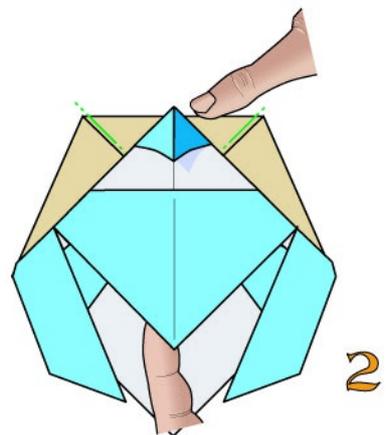


Secondo elemento ultimato

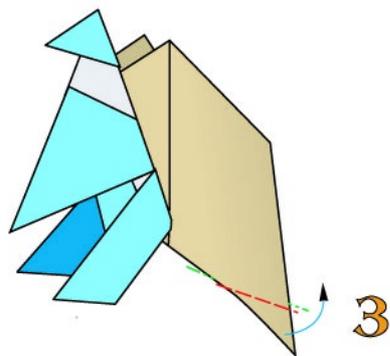
UNIONE DEI 2 ELEMENTI



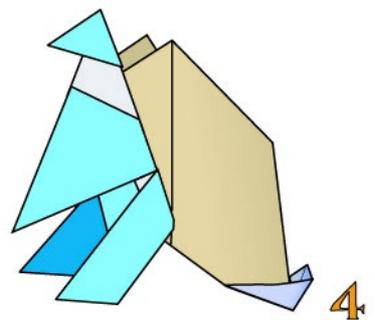
Inserite il secondo elemento nel cappello-base A



Comprimento contemporaneamente aprite 3D



Vista laterale, Eseguite una piega rovescia esterna



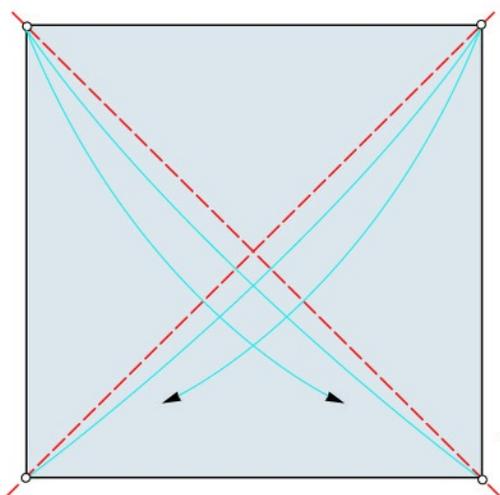
Elmo da parata ultimato

ELMO DA SAMURAI ***

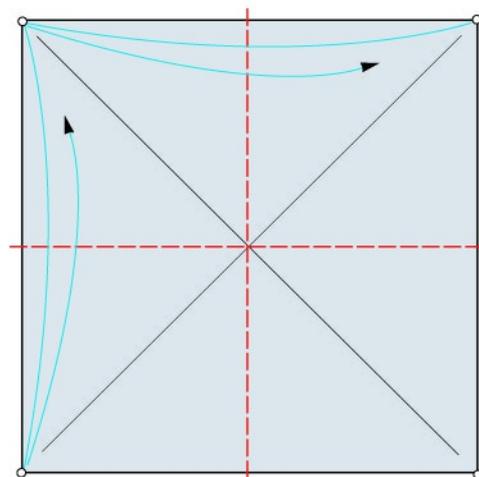


L'elmo si costruisce assemblando 2 elementi: un cappello-base "A" e 1 elemento aggiuntivo, costituito da corna ed elementi decorativi. Adoperate 2 fogli di cartoncino.

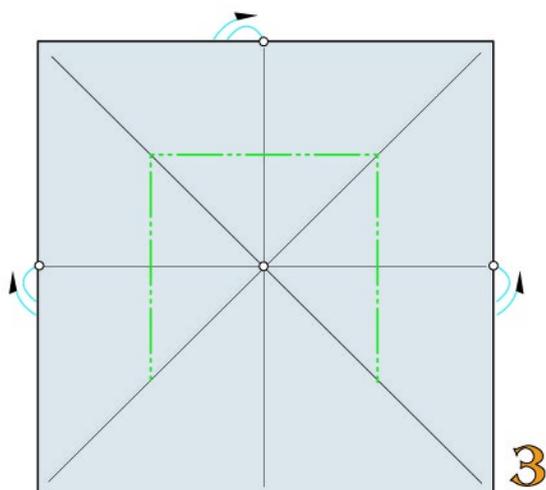
COSTRUZIONE DELL'ELEMENTO AGGIUNTIVO



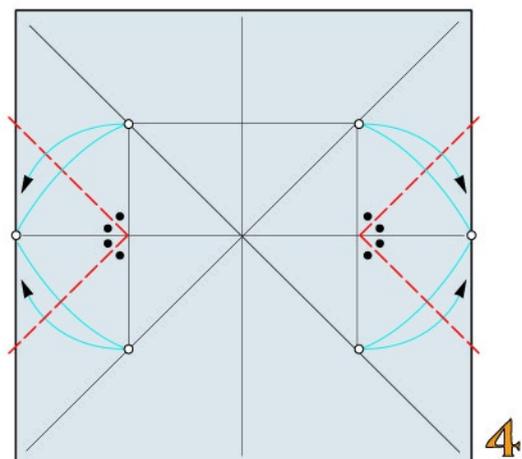
2 pieghe diagonali a valle



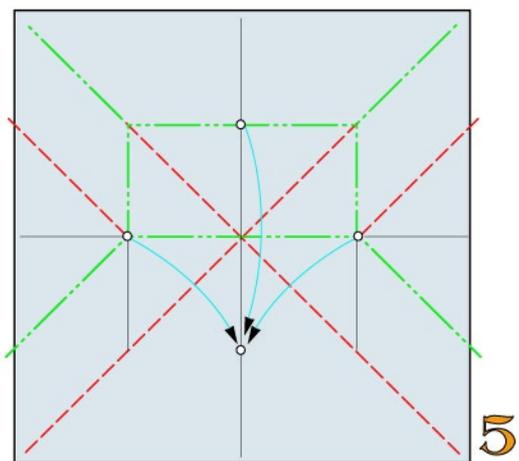
2 pieghe a valle



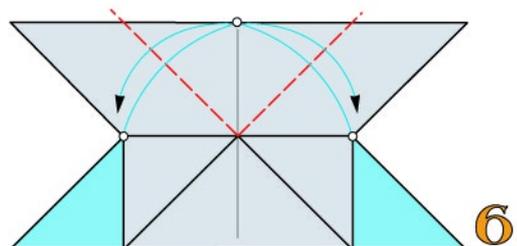
3 pieghe a monte



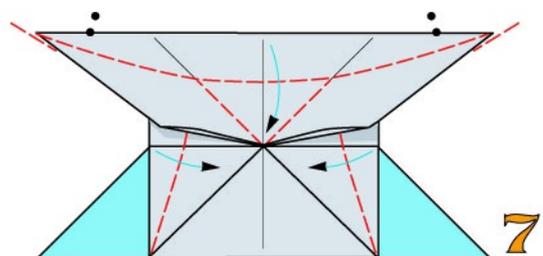
4 pieghe diagonali a valle



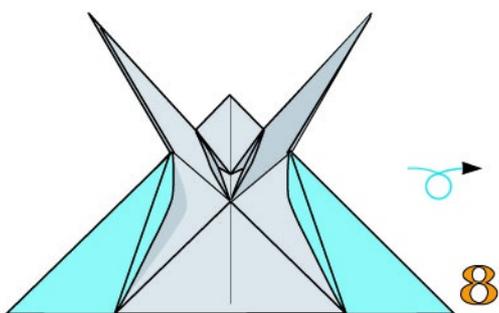
Ripiegate a valle ed a monte



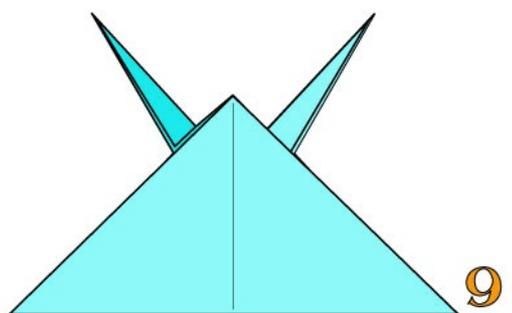
2 pieghe bisettrici a valle



3 pieghe a valle e ripiegate ruotando 3D

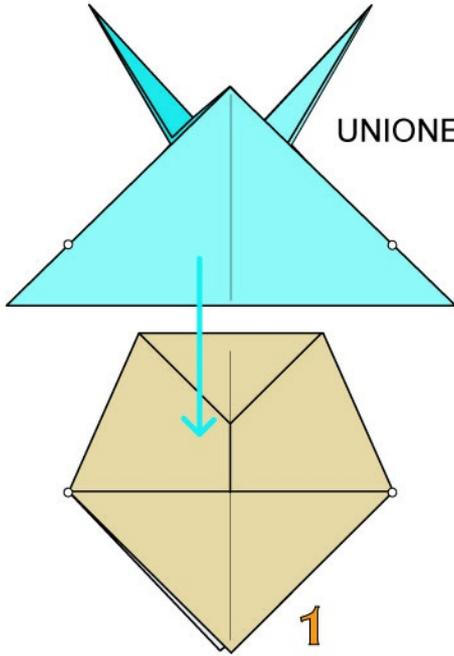


Ribaltate

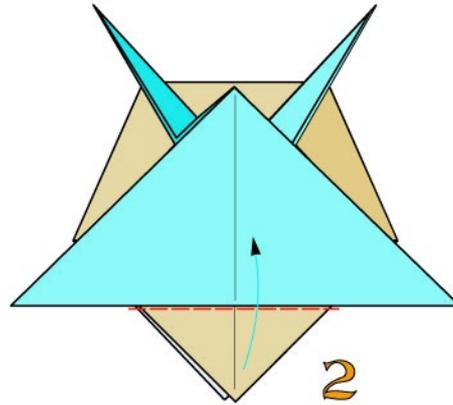


Secondo elemento ultimato

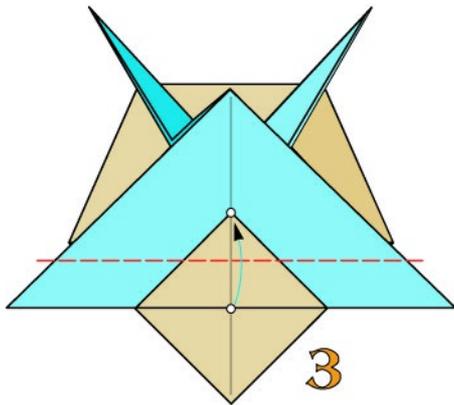
UNIONE DEI 2 ELEMENTI



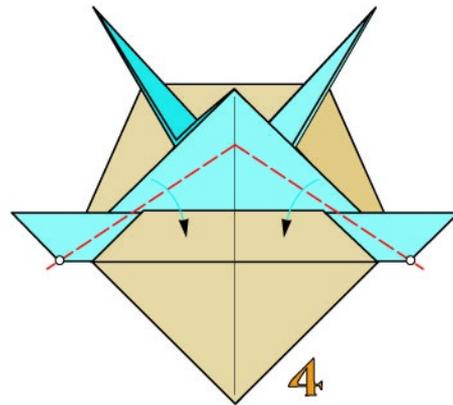
1
Sormontate sul cappello-base
A alla fig,n, 9



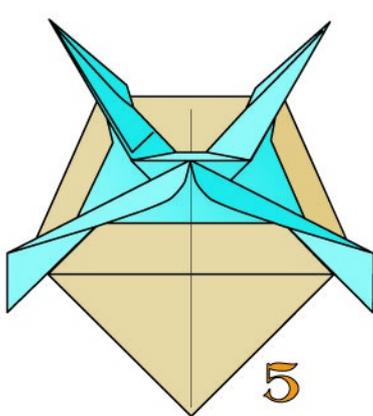
2
1 piega a valle solo sulla
sup. in vista



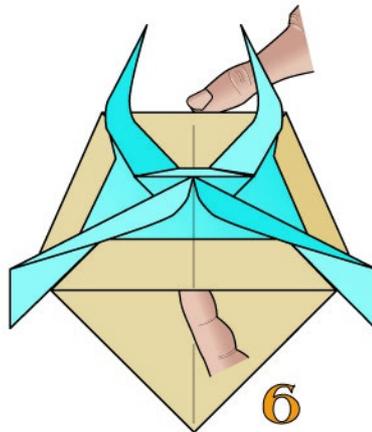
3
1 piega a valle solo sulla
sup. in vista



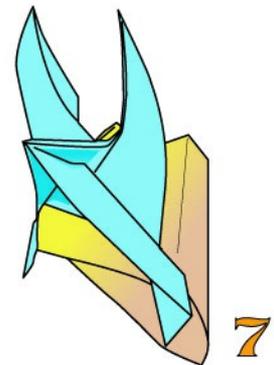
4
2 pieghe a valle modellando 3D



5
Ruotate i vertici delle corna



6
Comprimendo
contemporaneamente
aprite 3D

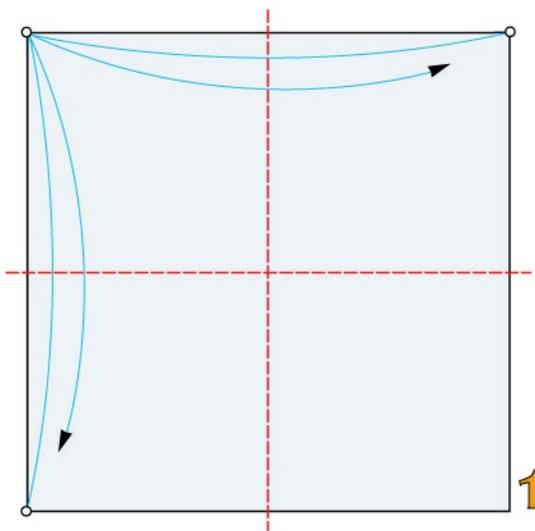


7
Vista tridimensionale.
Elmo "da samurai" ultimato

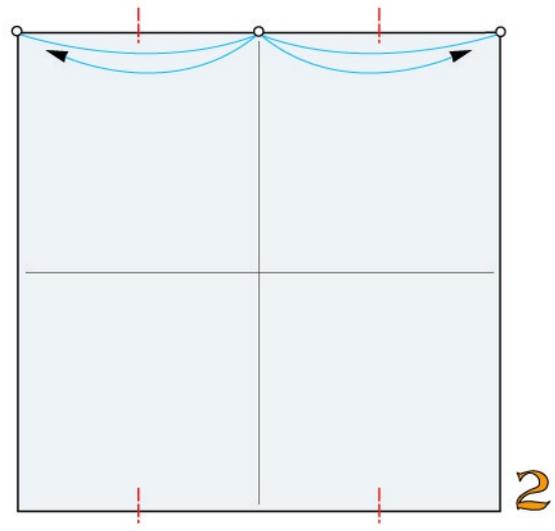
ELMO BASE



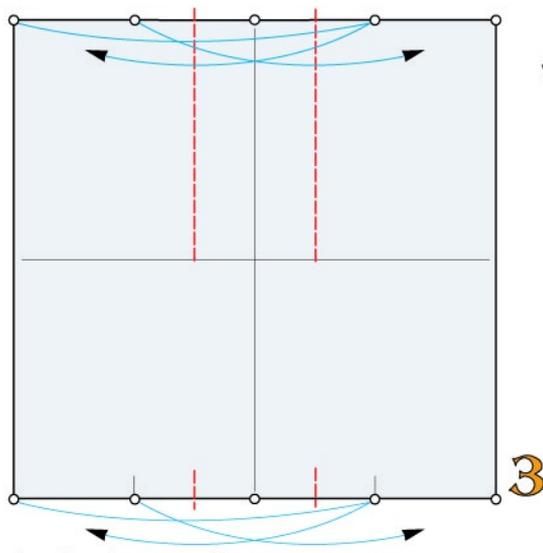
Questo modello è l'elemento di base dei 4 elmi successivi.
Adoperate un foglio quadrato di carta robusta o cartoncino leggero
monocolori, di 64-68 cm di lato se indossato da un adulto.



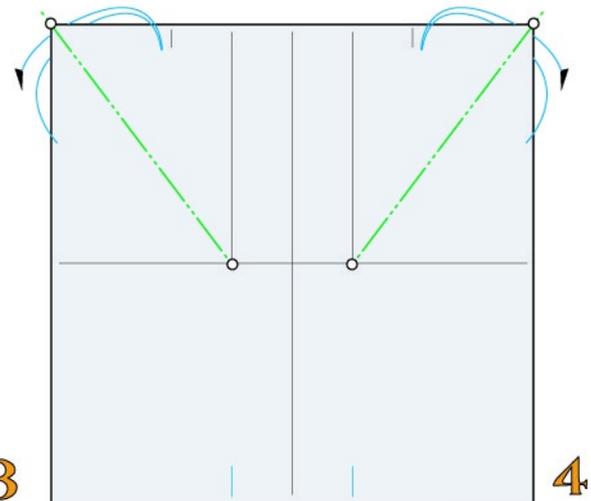
2 pieghe a valle



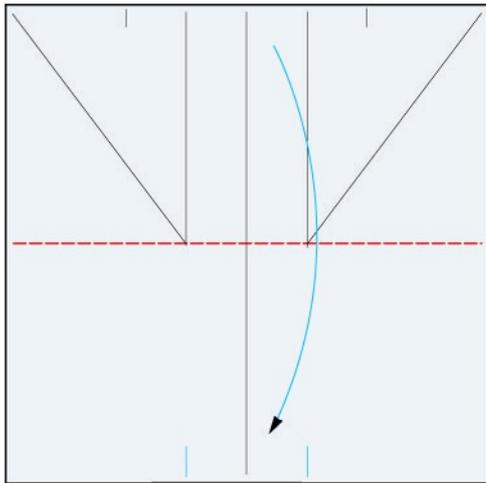
4 piccole pieghe a valle



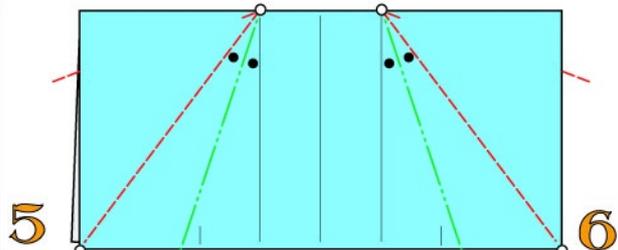
4 pieghe a valle



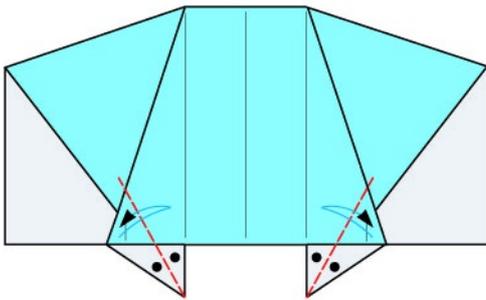
2 pieghe a monte



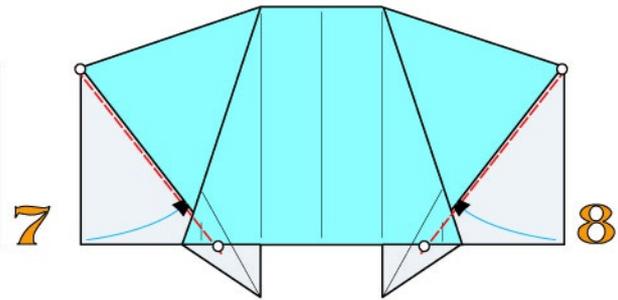
Chiudete ripiegando a valle



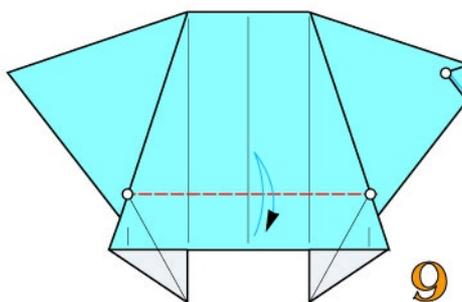
2 pieghe bisettrici a monte



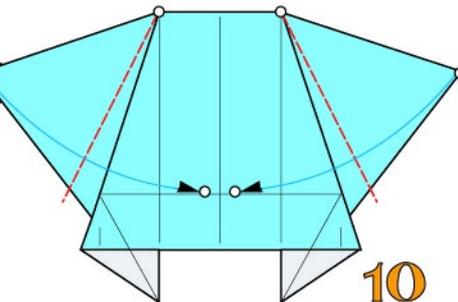
2 pieghe bisettrici a valle solo sulla superficie in vista



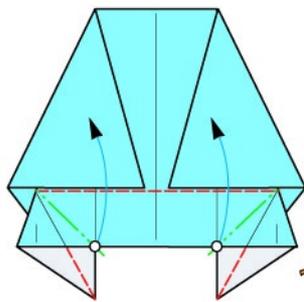
2 pieghe a valle ed intascate



1 piega a valle

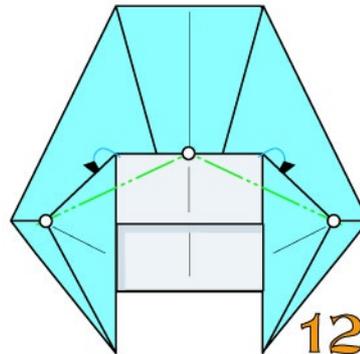


2 pieghe a valle



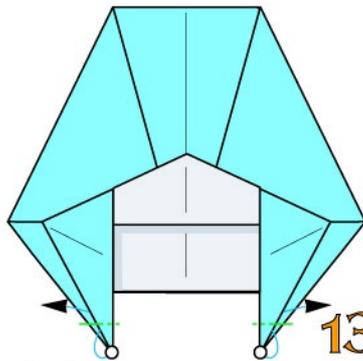
2 pieghe a monte
e ripiegate a valle

11



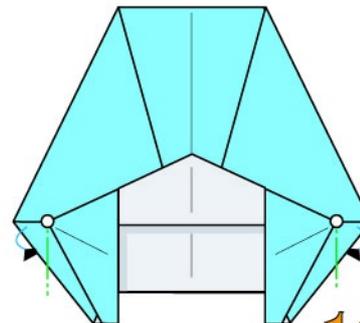
2 pieghe a monte

12



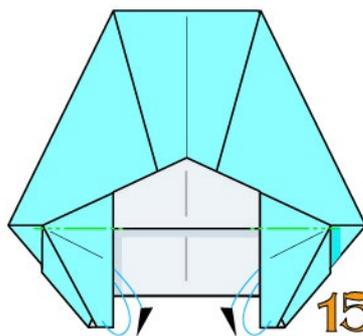
2 pieghe rovesce interne

13



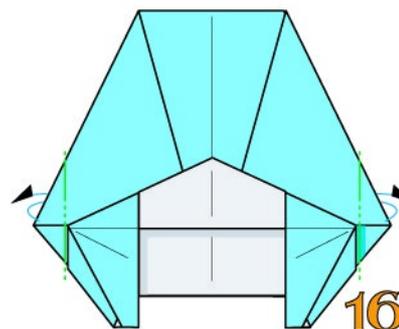
2 pieghe a monte,
parzialmente interne

14



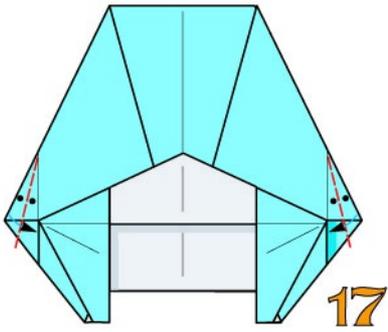
2 pieghe a monte

15

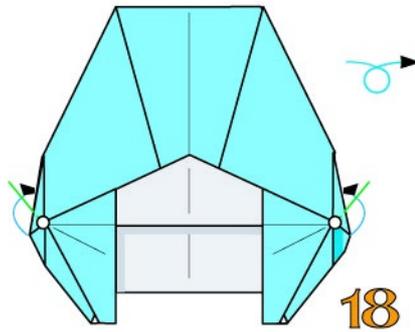


2 pieghe a monte

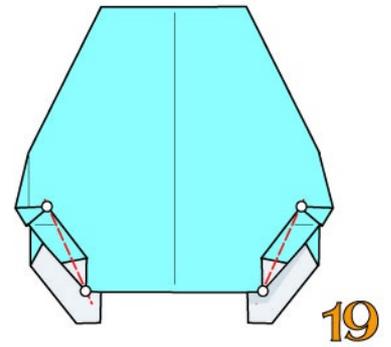
16



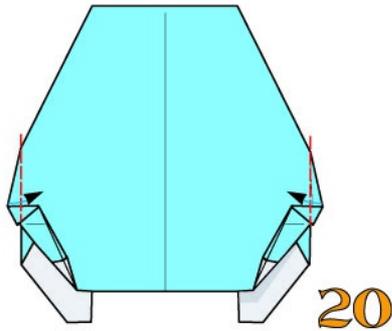
2 pieghe bisettrici a valle



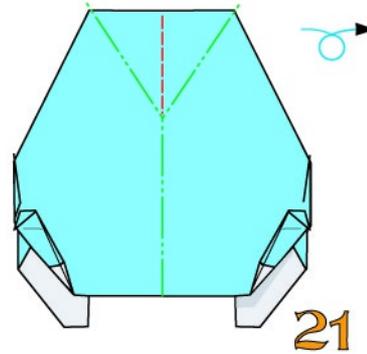
2 pieghe a monte posteriori e ribaltate



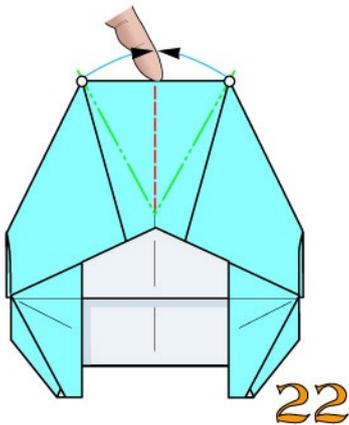
2 pieghe a valle



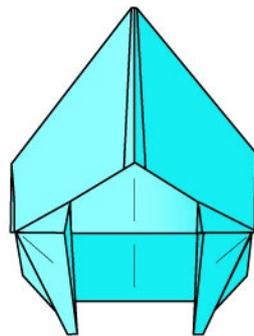
2 pieghe a valle



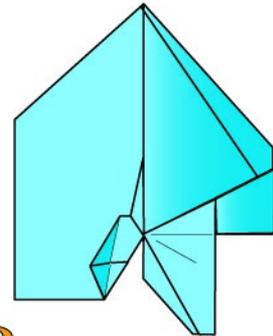
2 pieghe a monte solo sulla sup. in vista e ripiegate l'asse



2 pieghe a monte solo sulla sup. in vista e ripiegate l'asse. Rendete 3D l'elmo facendo rientrare la parte superiore



Elmo -base ultimato, eseguito con carta monocolora



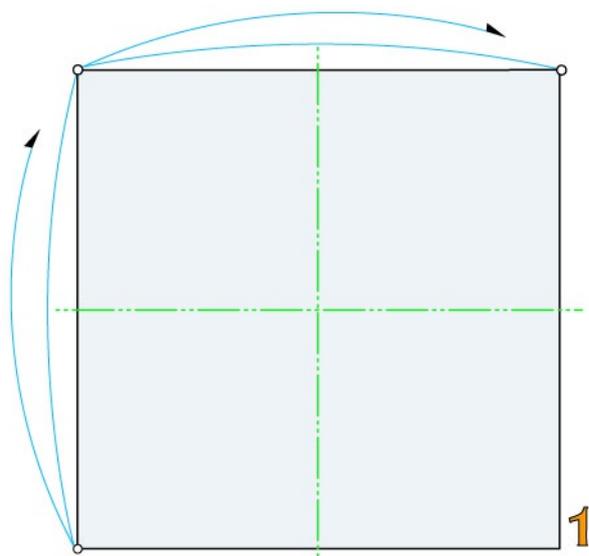
Elmo -base ultimato: fianco

ELMO FRIGIO ***

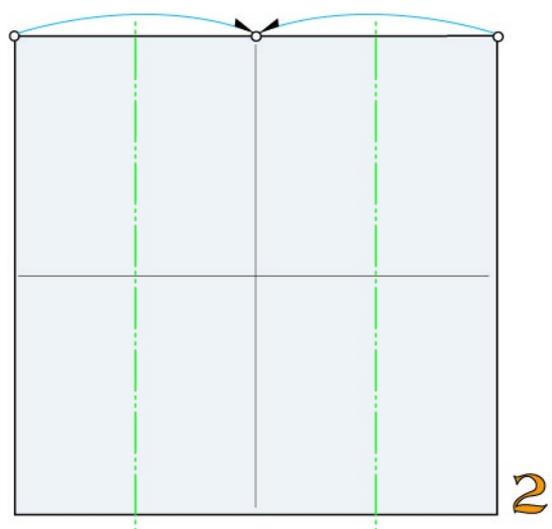
Si tratta di un elmo greco antico sormontato da un cimiero ornamentale.
Si realizza con 2 fogli quadrati uguali, uno per costruire l'elmo-base ed uno per il cimiero.



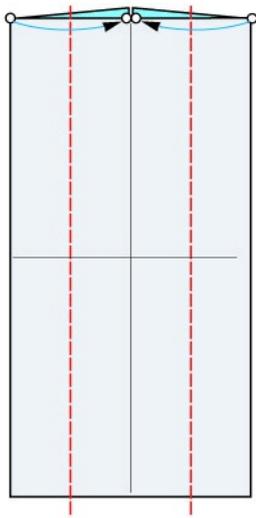
COSTRUZIONE DEL CIMIERO



3 pieghe a monte

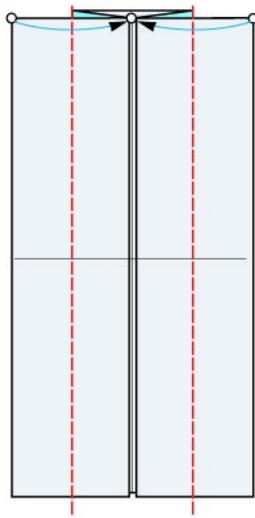


2 pieghe a monte



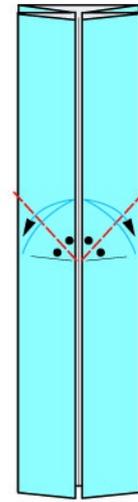
3

2 pieghe a valle
solo sulla sup. in
vista



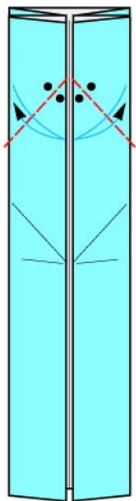
4

2 pieghe a valle



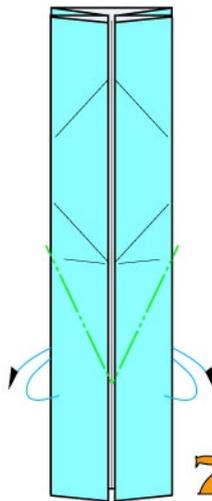
5

2 pieghe bisettrici
a valle



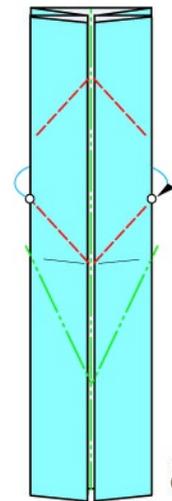
6

2 pieghe bisettrici a valle



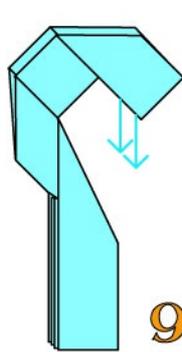
7

2 pieghe a monte



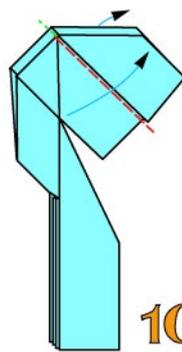
8

"Chiudete" ripiegando
a valle ed a monte



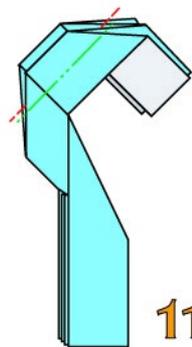
9

Estraete le 2
superfici interne



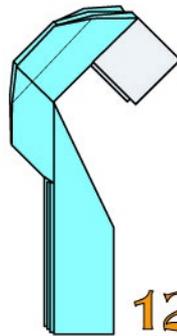
10

2 pieghe a
valle, 1 per lato



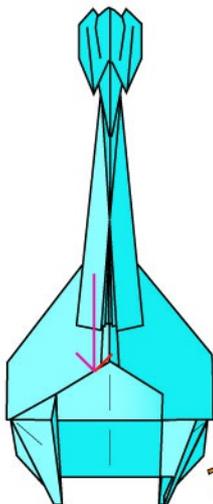
11

2 pieghe a
monte, 1 per lato



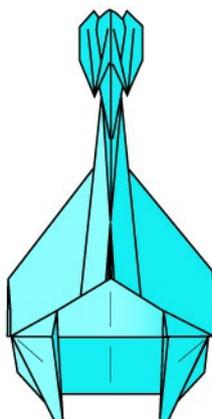
12

Cimiero
ultimato



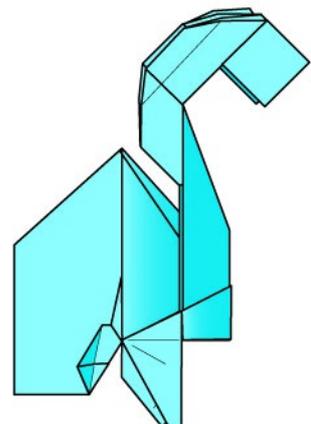
13

Intascate il cimiero
nell'elmo base



14

Elmo frigio eseguito con
carta monocolora ultimato



Elmo frigio ultimato:
fianco

ELMO REGALE **

I re del medioevo erano generalmente individuabili nelle battaglie per l'elmo indossato, spesso arricchito da decorazioni in oro.

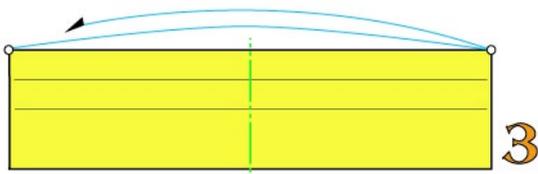
Per costruire questa decorazione, da inserire nell'elmo-base, adoperate la quarta parte di un foglio.



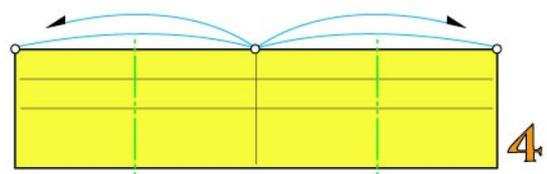
1 piega a valle



1 piega a valle

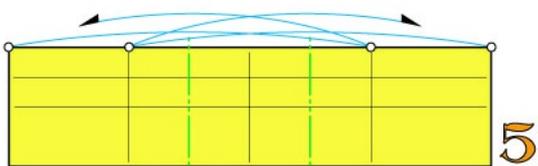


3



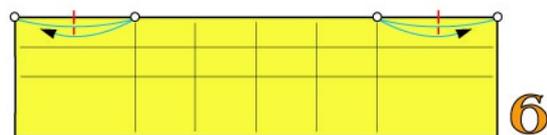
4

2 pieghe a monte

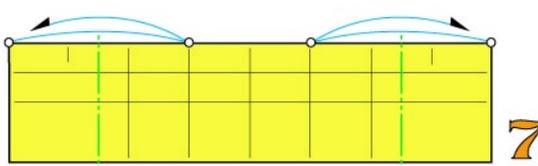


5

2 pieghe a monte

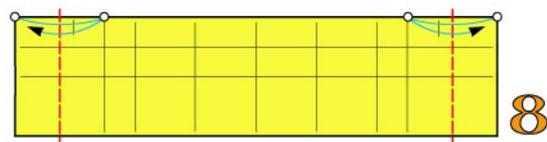


6



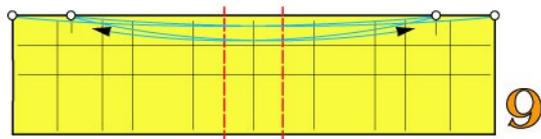
7

2 pieghe a monte

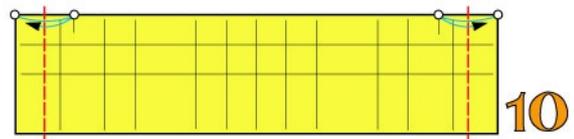


8

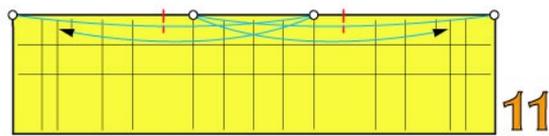
2 pieghe a valle



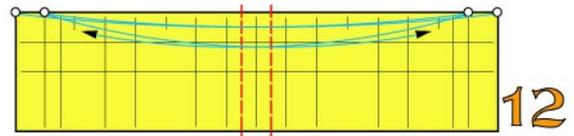
2 pieghe a valle



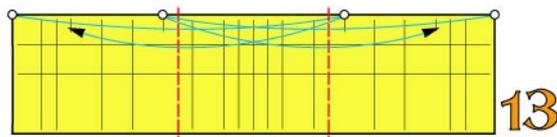
2 pieghe a valle



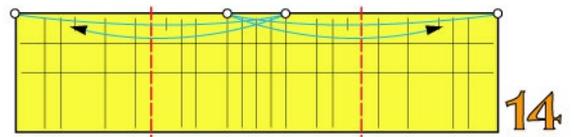
2 piccole pieghe a valle



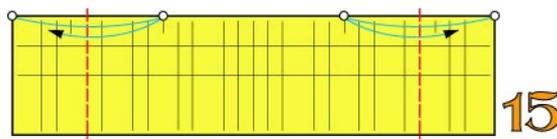
2 pieghe a valle



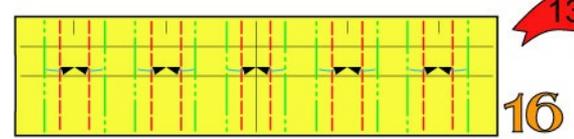
2 pieghe a valle



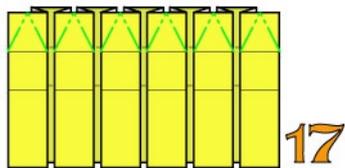
2 pieghe a valle



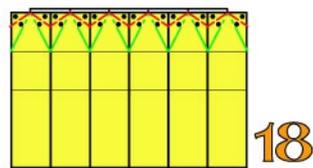
2 pieghe a valle



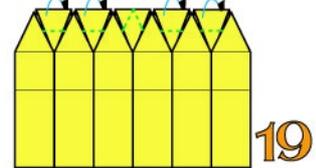
Ripiegate a valle ed a monte



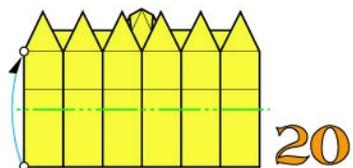
12 pieghe a monte



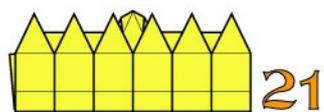
12 pieghe bisettrici a valle e ripiegate a monte



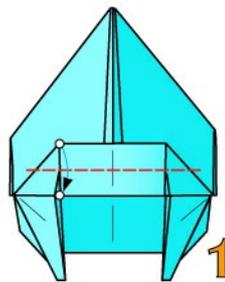
6 pieghe a monte



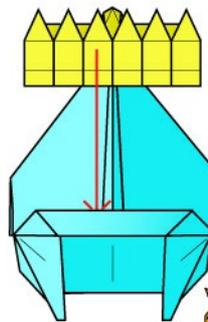
1 piega a monte



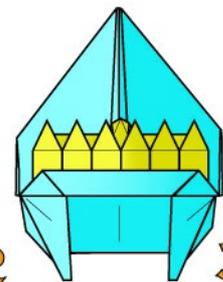
Decorazione ultimata



Elmo-base:
1 piega a valle



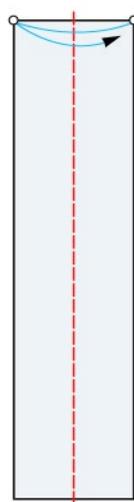
Inserite la
decorazione



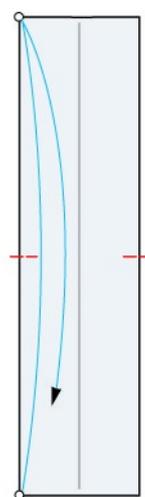
Elmo regale
ultimato

ELMO CROCIATO **★★**

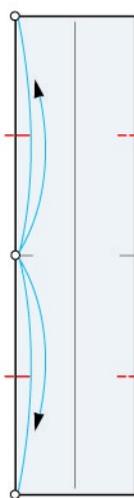
È contraddistinto da una decorazione a forma di croce, creata dal prolungamento del paranaso, inserito nell'elmo-base. Adoperare la quarta parte di un foglio.



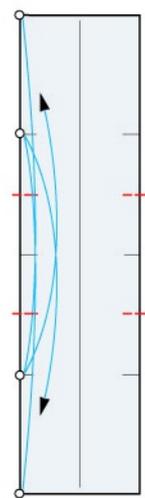
1
1 piega a valle



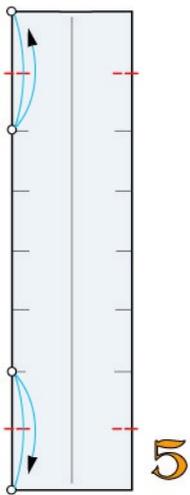
2
2 piccole pieghe a valle



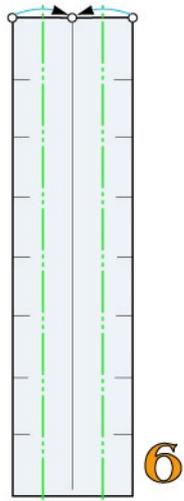
3
4 piccole pieghe a valle



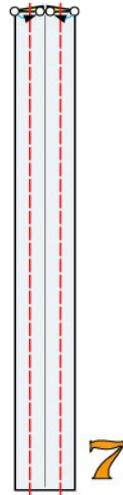
4
4 piccole pieghe a valle



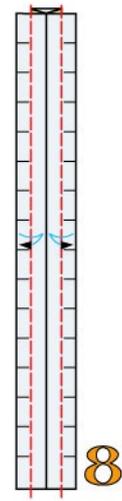
4 piccole
pieghe a valle



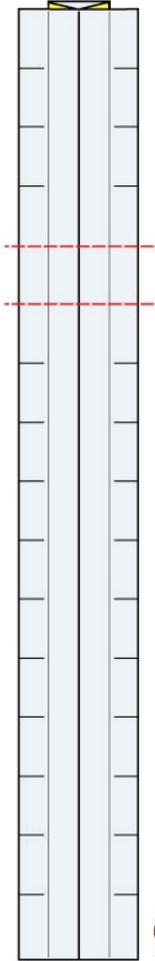
2 pieghe
a monte



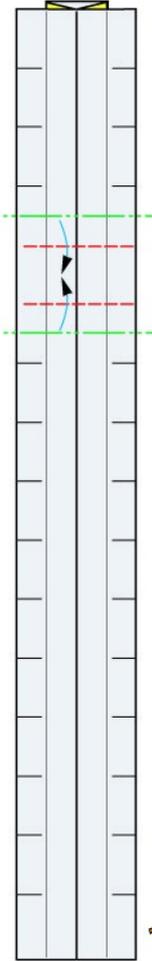
2 pieghe a valle
solo sulla sup.
in vista



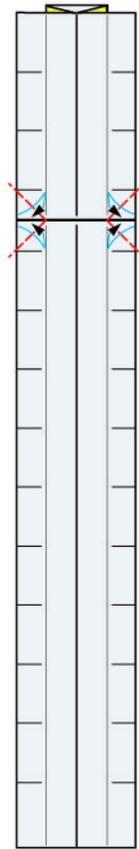
2 pieghe
a valle



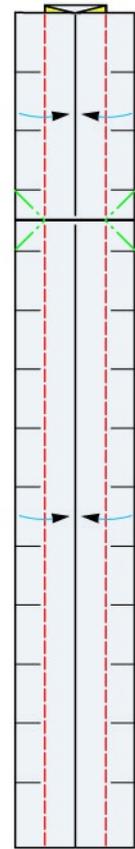
2 pieghe
a valle



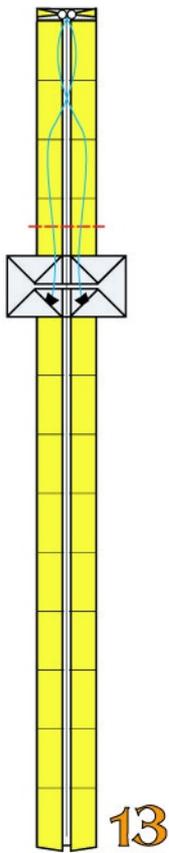
2 pieghe a monte
e ripiegate a valle



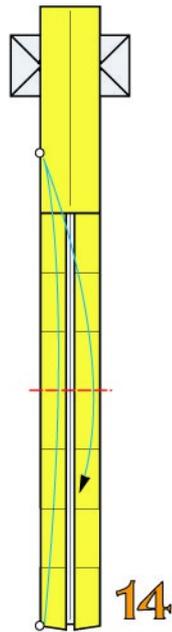
4 pieghe
a valle



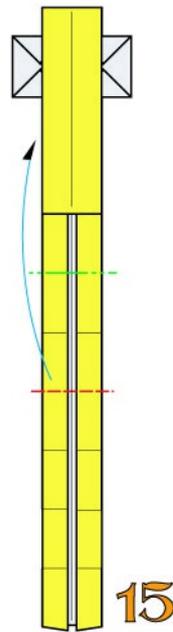
4 pieghe a valle solo sulla
sup.in vista e ripiegate
a monte



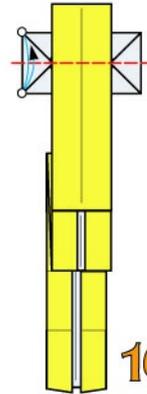
13
1 piega a valle e intascate



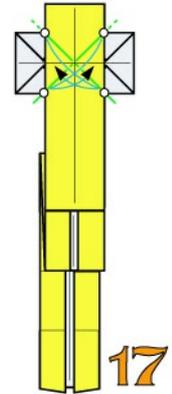
14
1 piega a valle



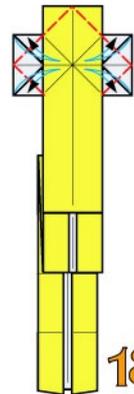
15
1 piega a monte e ripiegate valle



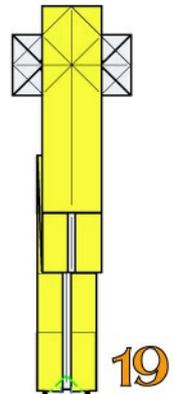
16
1 piega a valle



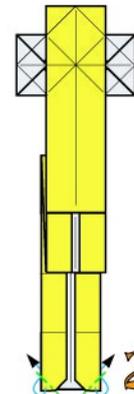
17
2 pieghe a monte



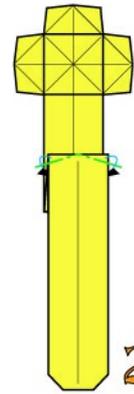
18
4 pieghe a valle



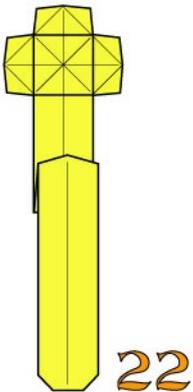
19
2 pieghe a monte



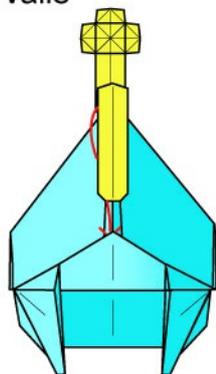
20
2 pieghe rovesce interne



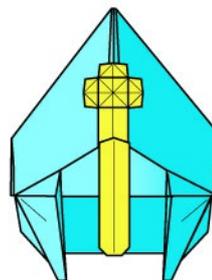
21
2 pieghe a monte



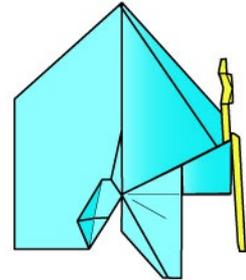
22
Paranaso ultimato



Inserite il paranaso nell'elmo-base



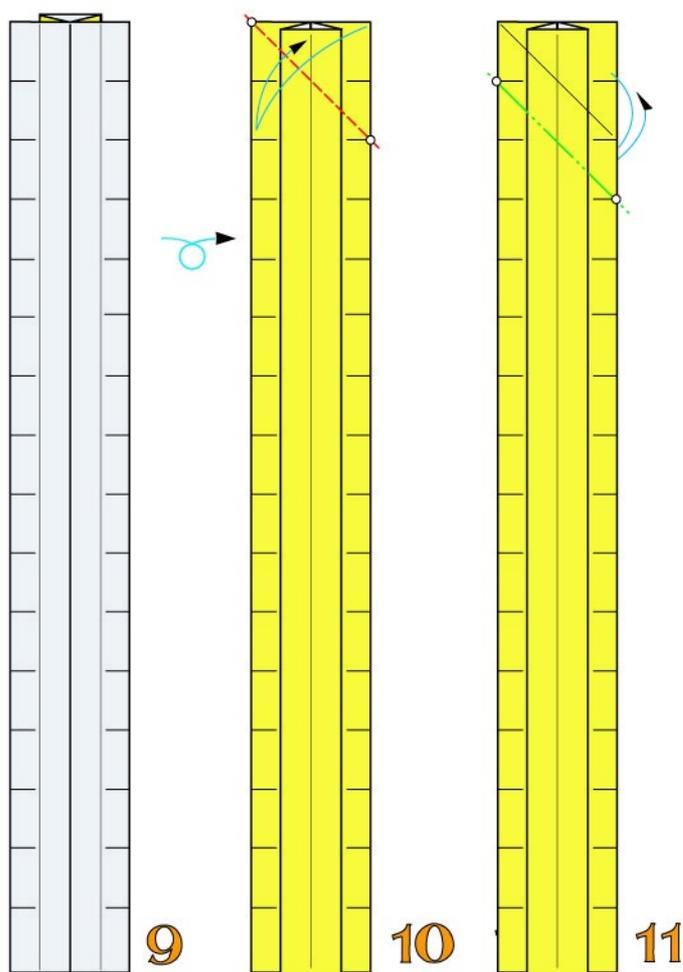
Elmo crociato ultimato



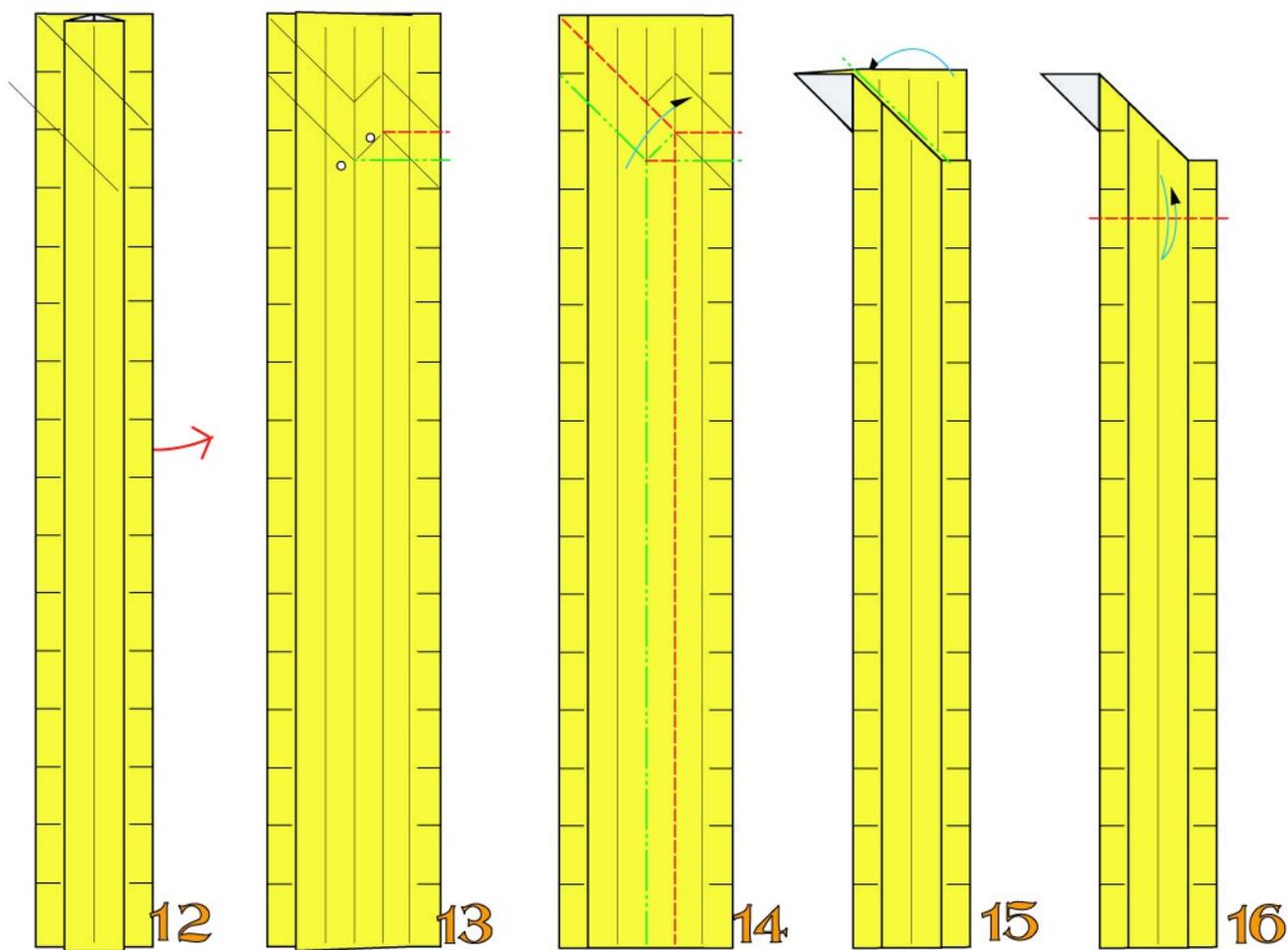
Elmo crociato: fianco

ELMO ARABO ★★★

È contraddistinto da una decorazione a forma di mezza luna, creata dal prolungamento del paranaso, inserito nell'elmo-base. Adoperare la quarta parte di un foglio.



Partite dalla fig. n. 8 del paranaso crociato. Ribaltate 1 piega a valle 1 piega a monte



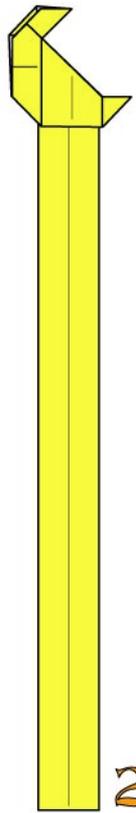
12
 Aprite il lato destro

13
 1 piega a valle ed 1 a monte

14
 Ruotate ripiegando

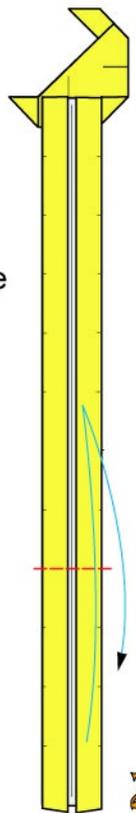
15
 1 piega a monte

16
 1 piega a valle



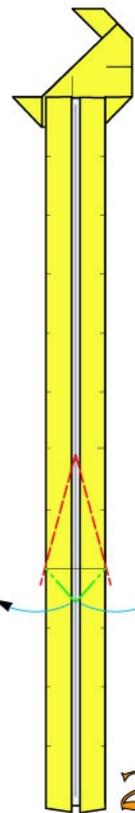
22

Ribaltate



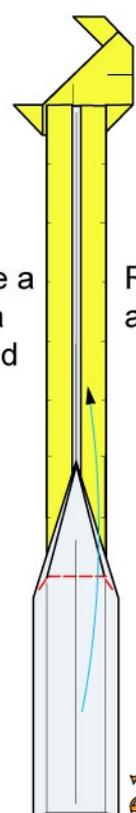
23

1 piega a valle



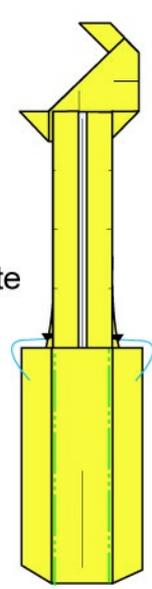
24

2 pieghe a valle, 2 a monte ed aprite



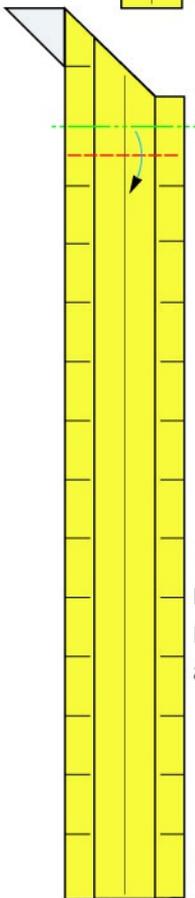
25

Ripiegate a valle



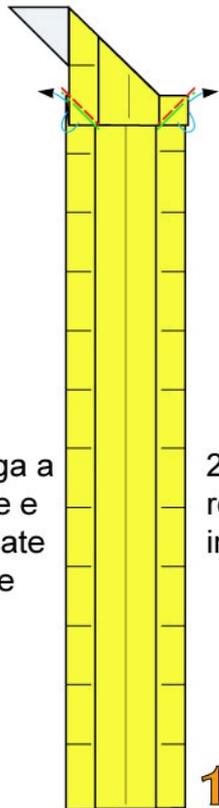
26

Ripiegando intascate i bordi laterali



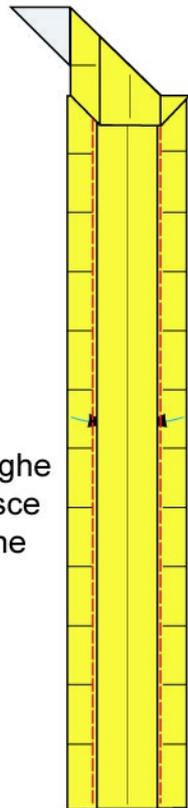
17

1 piega a monte e ripiegate a valle



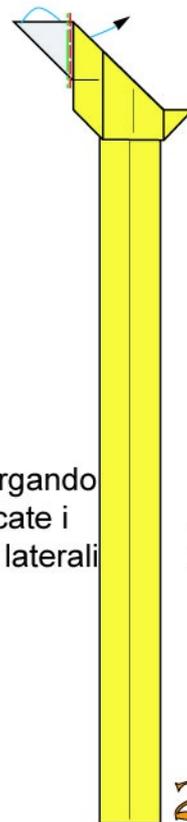
18

2 pieghe rovesce interne



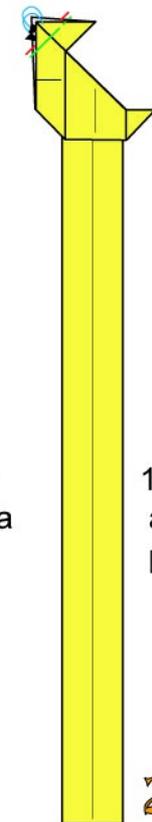
19

Ripiegando intascate i bordi laterali



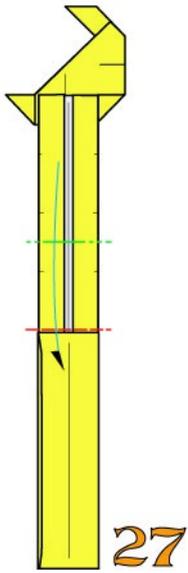
20

1 piega rovescia interna



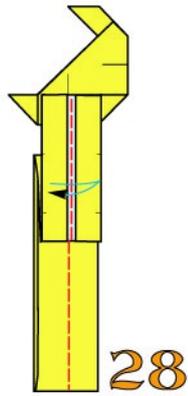
21

1 piega a monte per lato



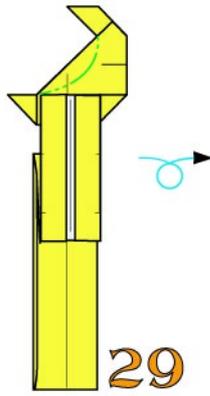
27

1 piega a valle ed 1 a monte



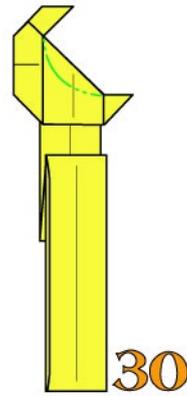
28

1 piega a valle longitudinale



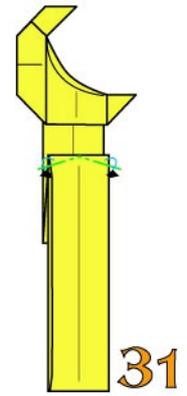
29

1 piega a monte curva. solo sulla sup. in vista e ribaltate



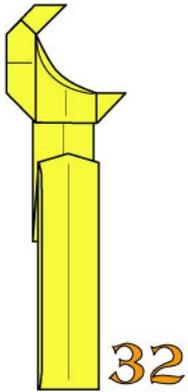
30

1 piega a monte curva, solo sulla sup. in vista



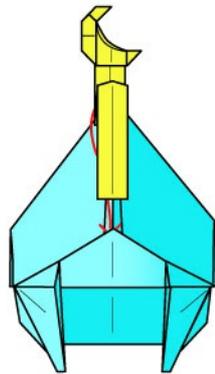
31

2 pieghe a monte

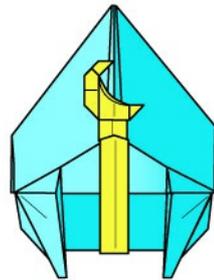


32

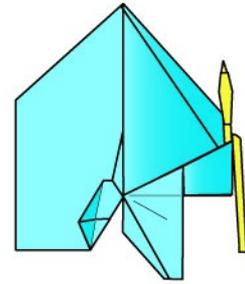
Paranaso ultimato



Inserite il paranaso nell'elmo-base



Elmo arabo ultimato



Elmo arabo: fianco



**ELMI E
STRANI! COPRICAPI!
ORIGAMI!**