

PROGETTARE, COSTRUIRE,
INNOVARE:
il vostro viaggio nel mondo della
tecnologia inizia da qui.

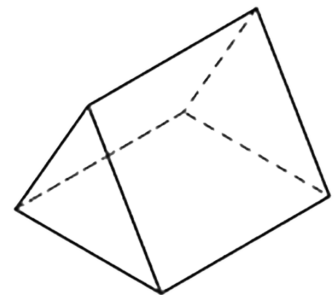
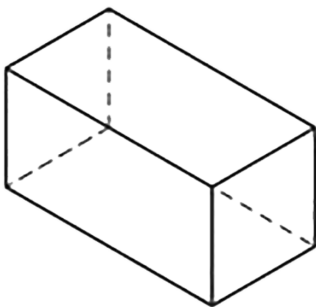
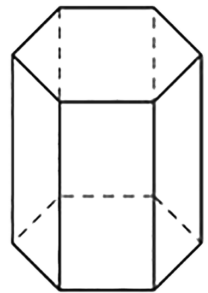
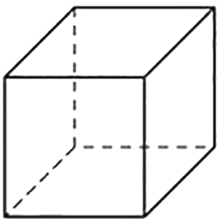
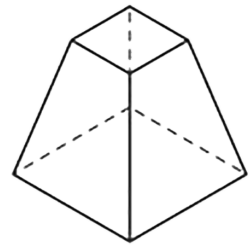
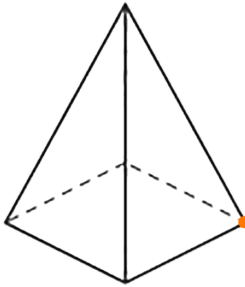
Tecnologia

Compiti delle vacanze

IC Piossasco 1- Scuola secondaria di primo grado

I Solidi Geometrici

Evidenzia e collega con una freccia almeno un vertice, uno spigolo e una faccia



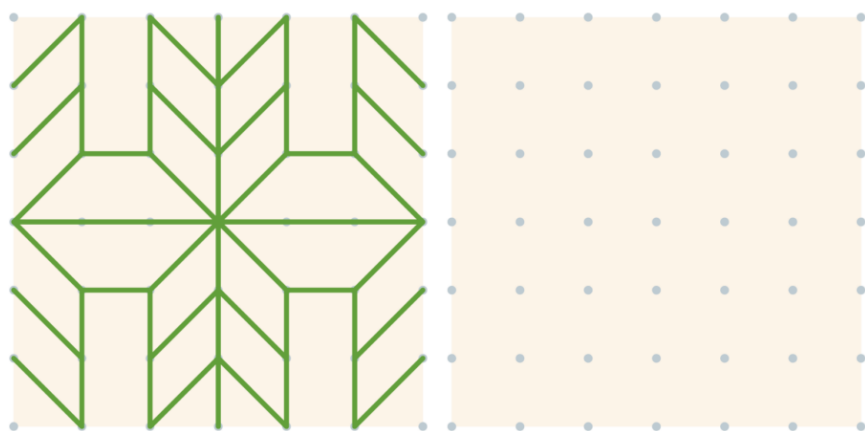
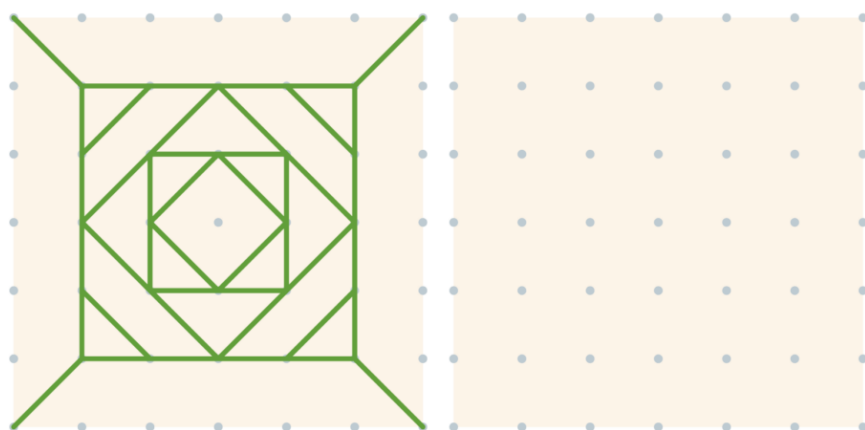
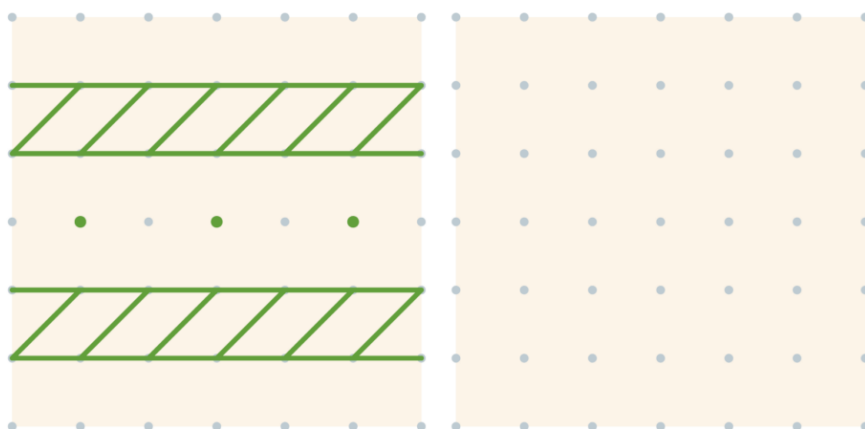
VERTICE

SPIGOLO

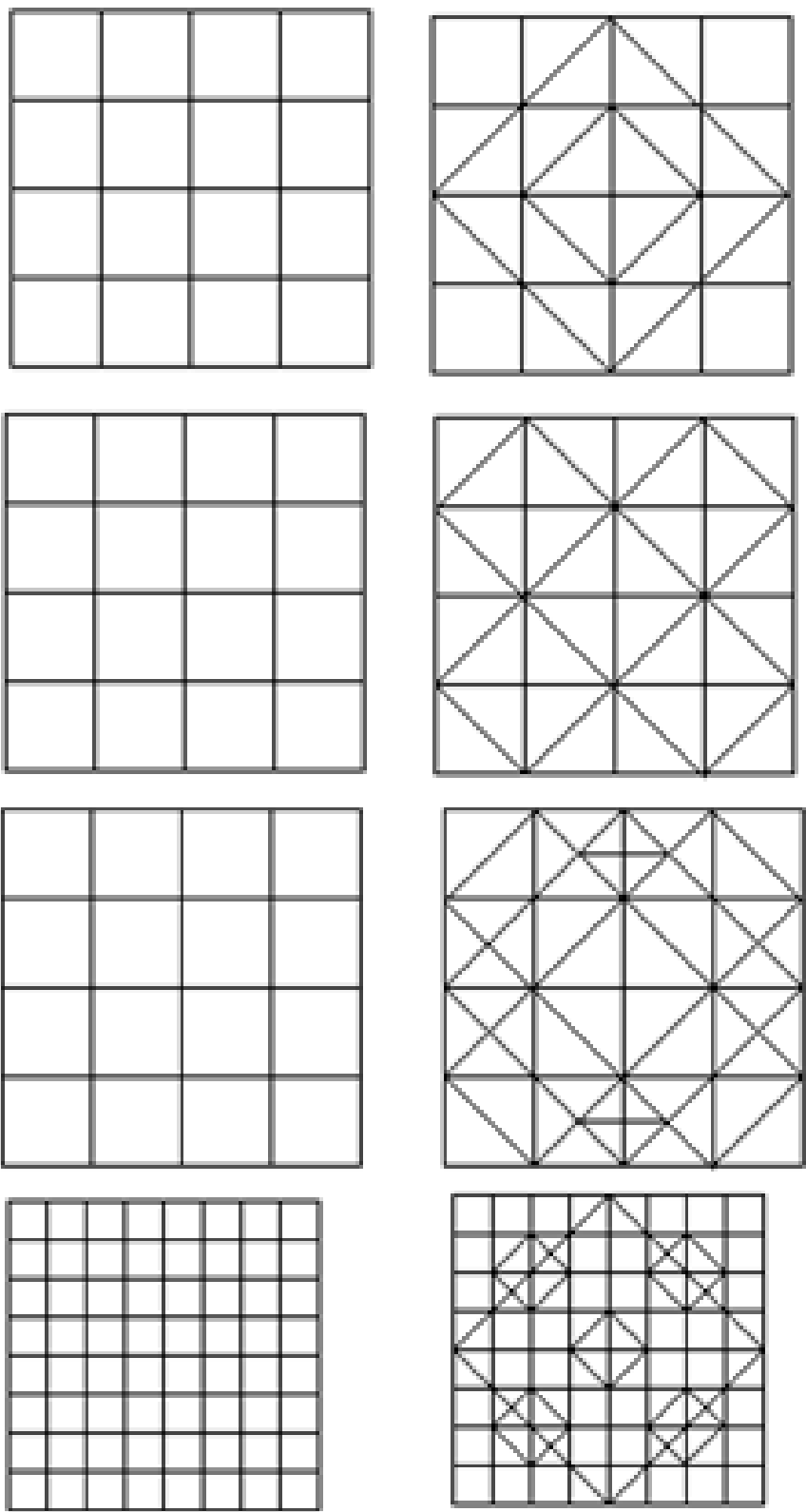
FACCIA

Rappresentazione

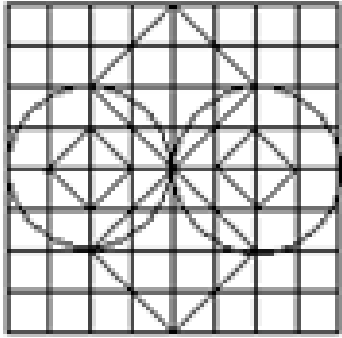
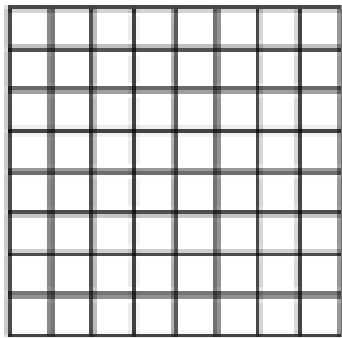
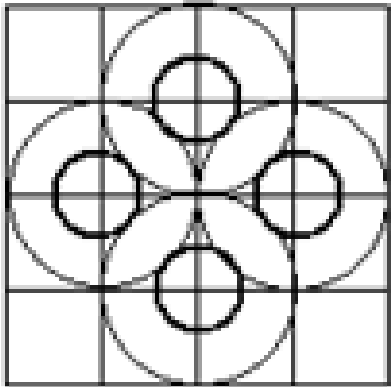
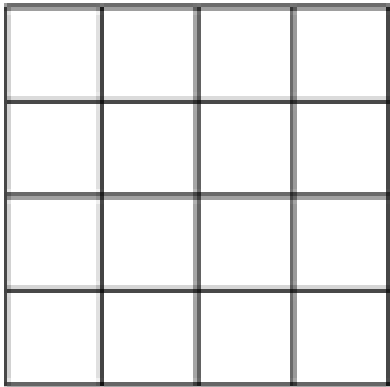
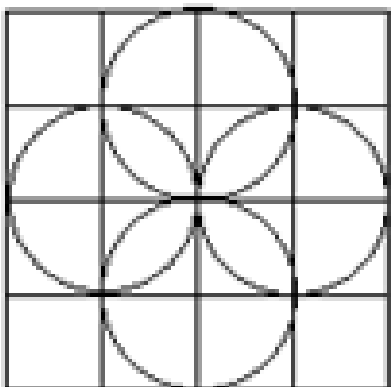
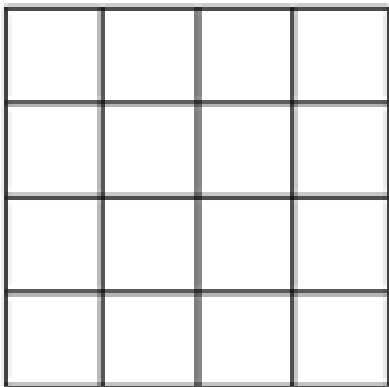
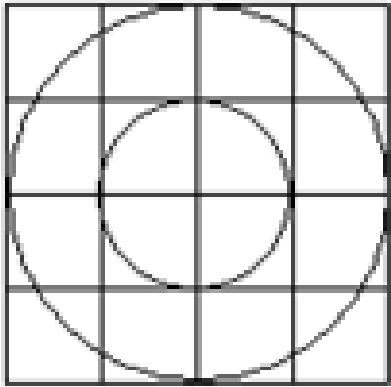
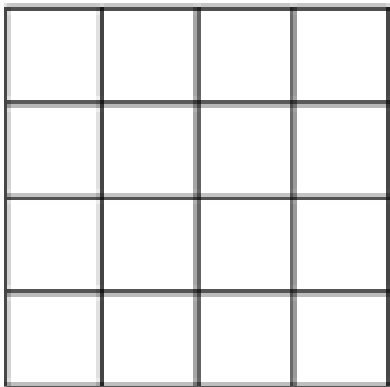
Osserva ogni disegno e ricopialo a fianco



Copia il disegno e coloralo

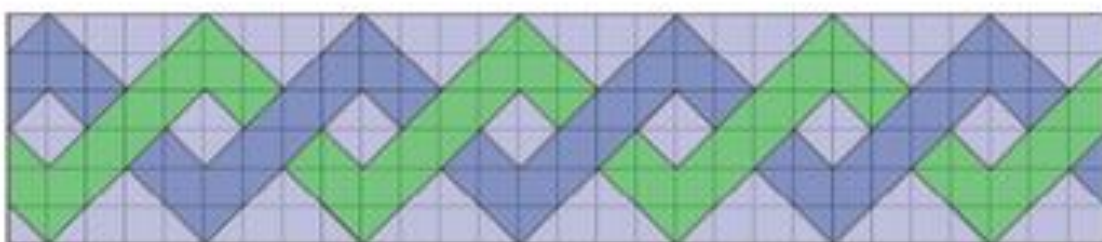
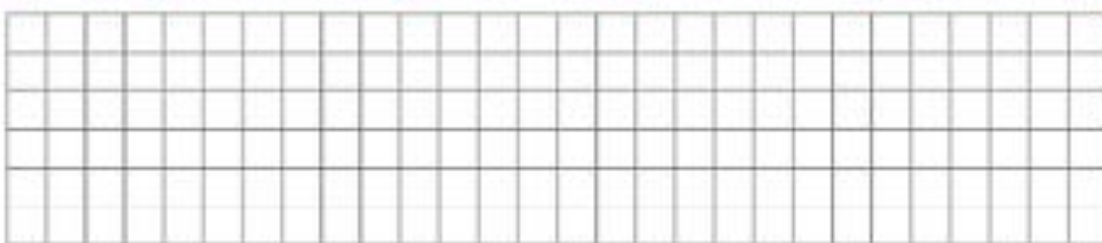
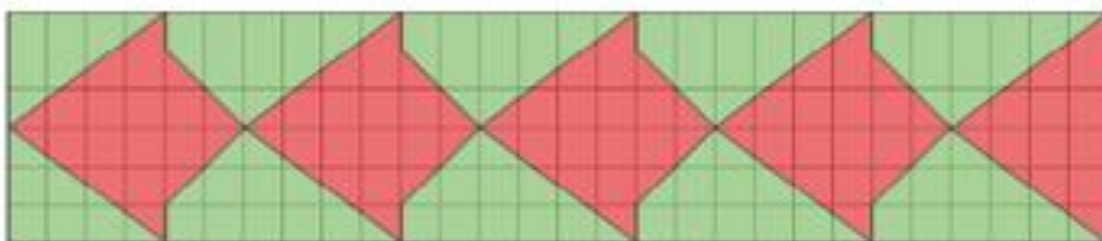
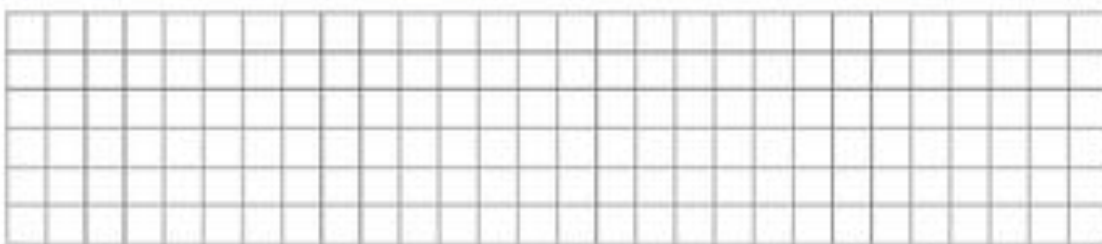
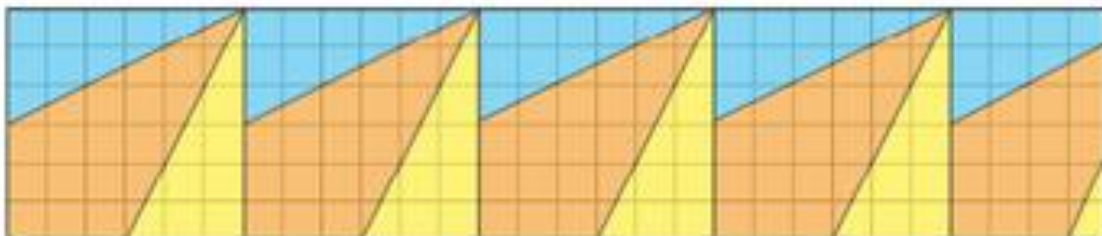


Copia il disegno usando anche il compasso e coloralo



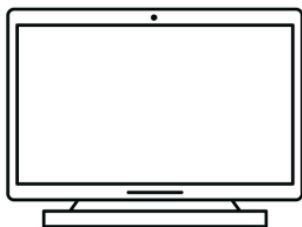
I Fregi

Riproduci ogni fregio nella riga successiva



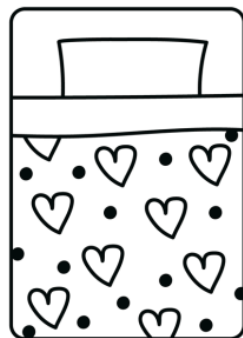
Tanti Punti di Vista

Indica per ogni immagine il giusto punto di vista



LA TV È VISTA

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO



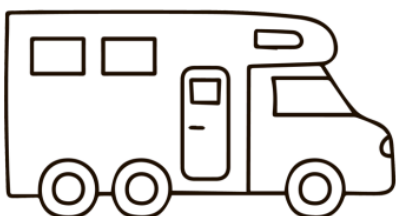
IL LETTO È VISTO

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO



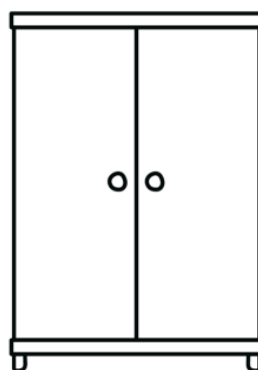
LA SEDIA È VISTA

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO



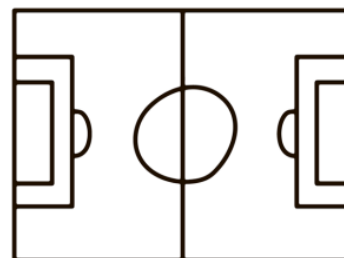
IL CAMPER È VISTO

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO



L'ARMADIO È VISTO

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO

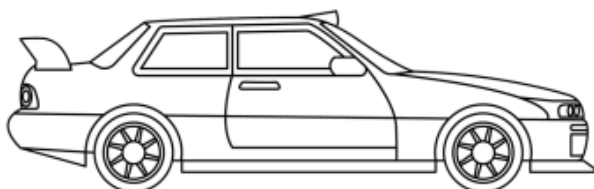


IL CAMPO È VISTO

- ☐ DI FRONTE
- ☐ DI FIANCO
- ☐ DALL'ALTO

Punti di vista

L'automobile che vedi rappresentata sembra diversa ma in realtà cambia il punto di vista. Collega ogni disegno al giusto cartellino.

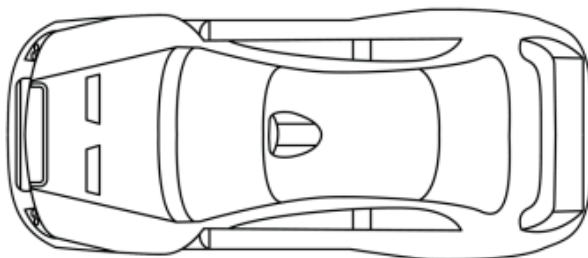


DI FRONTE

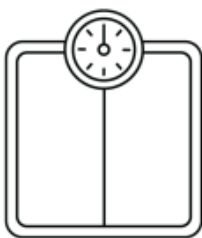
DA DIETRO

DI LATO

DALL'ALTO



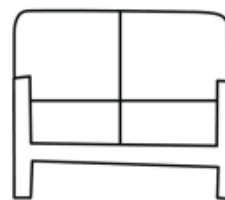
🔺 Osserva le immagini e scrivi da quale punto di vista sono rappresentate.



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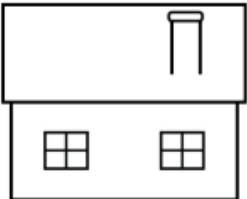
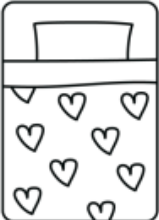
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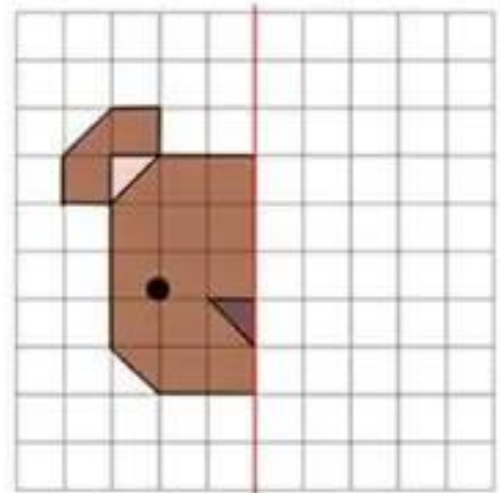
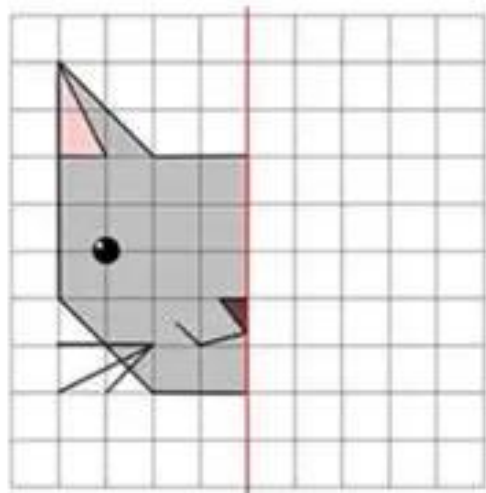
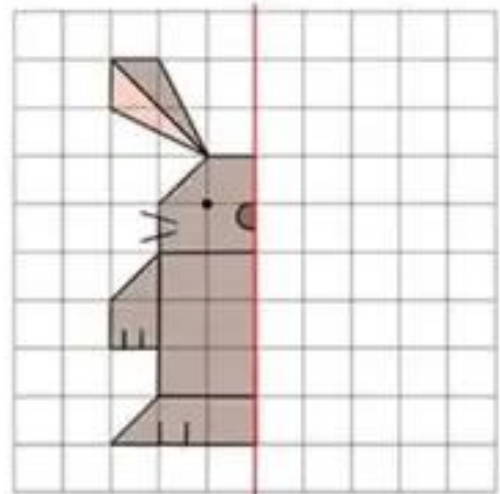
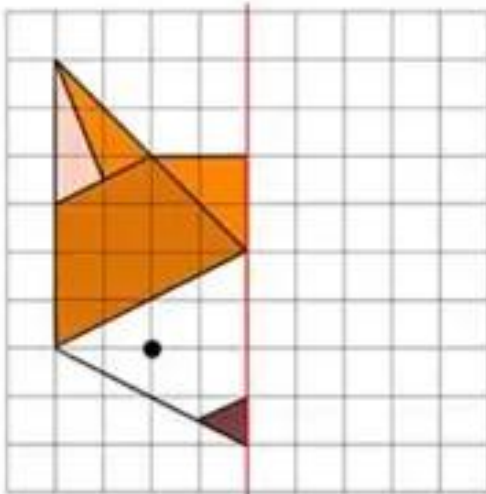
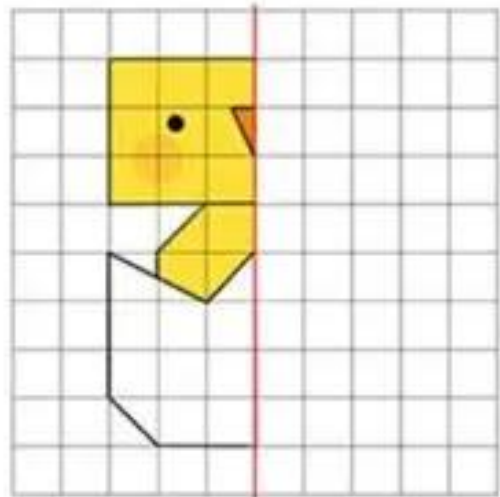
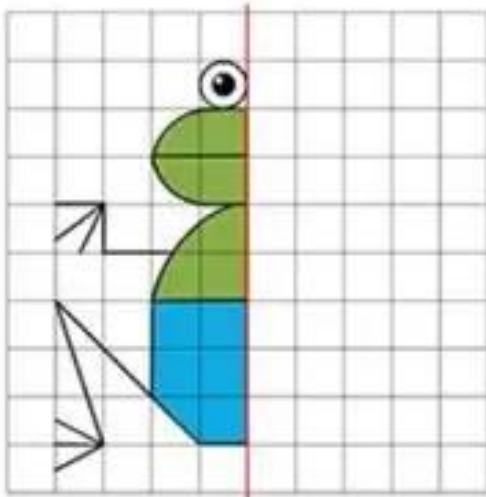
Punti di Vista

Disegna gli oggetti che mancano a seconda dei punti di vista

DI FRONTE	DI LATO	DALL'ALTO
		
		
		
		

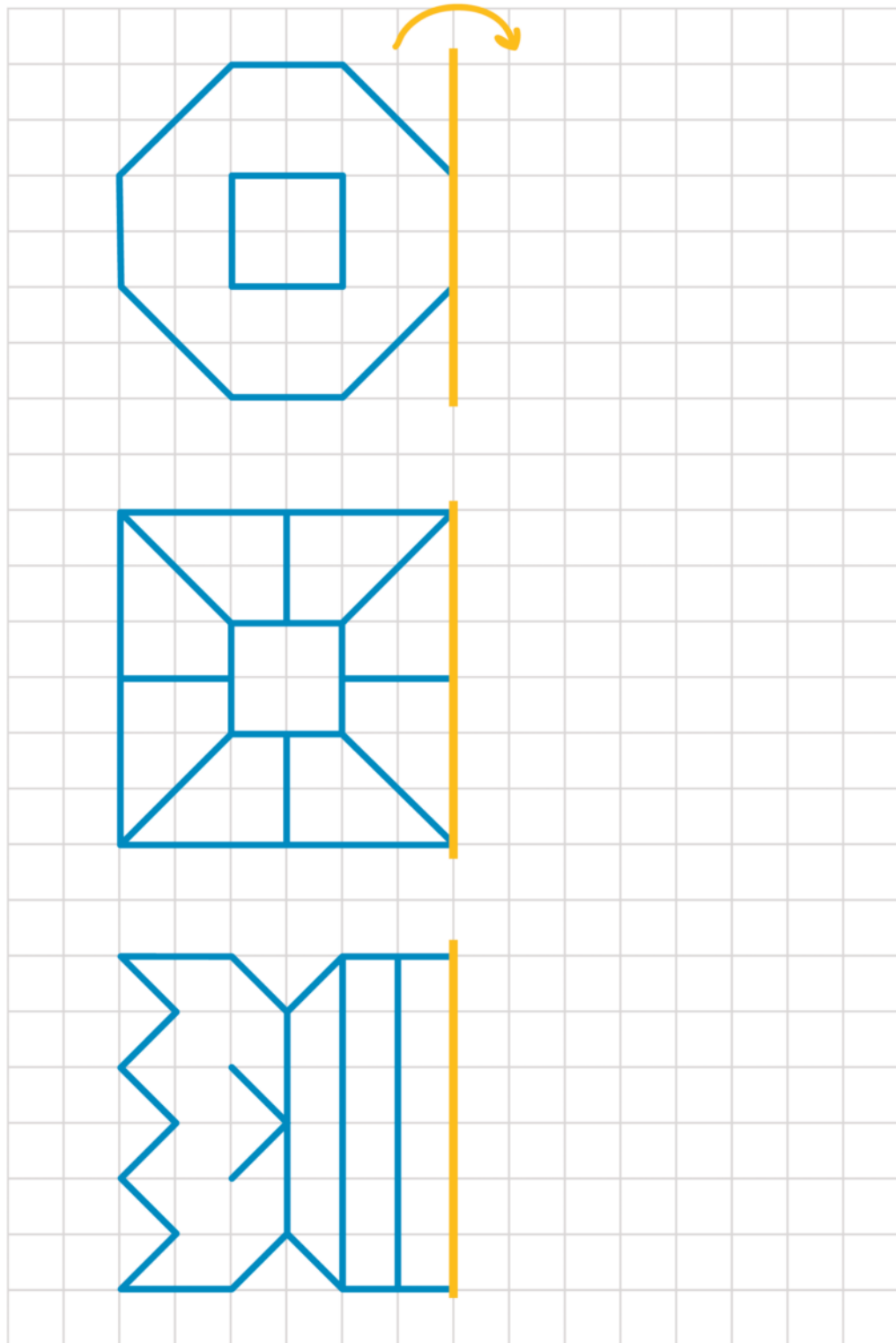
La Simmetria

Completa i disegni in modo simmetrico



La Simmetria

Completa i disegni in modo simmetrico



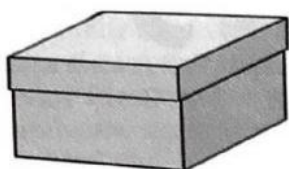
I Materiali

Procurati questi oggetti, osservali, toccali e completa la tabella con un sì o con un no

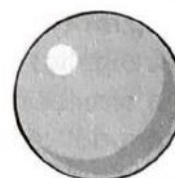
	È trasparente?	Si può piegare?	Si può tagliare con le forbici?	Se cade si rompe?
				
				
				
				
				
				
				
				

Oggetti e materiali

Collega con una freccia gli oggetti ai materiali con cui sono fatti.



PLASTICA



CARTA



VETRO

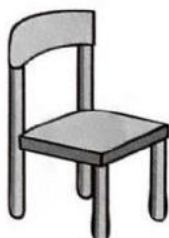
METALLO



METALLO



LEGNO



METALLO

STOFFA



STOFFA



LEGNO



Osserva le illustrazioni, scrivi il nome degli oggetti e completa la tabella.
Individua materiali e funzioni degli oggetti di uso comune proposte in tabella.

Oggetto Come si chiama...	Materiale È fatto di...	Funzione Serve per...	Dove si trova In quale ambiente...
 asciugamano	stoffa	asciugarsi mani e faccia	bagno
			
			
			
			
			
			
			

Leggi le indicazioni, scrivi di quale oggetto si tratta e disegnano



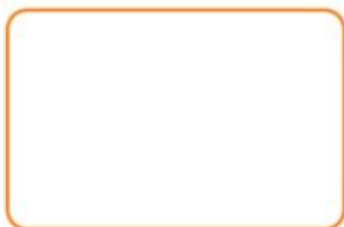
È di plastica.
Può essere di diverse lunghezze.
Serve a misurare e disegnare linee dritte.
È il



È di metallo.
Ne esistono di diversi tipi.
Serve ad aprire le porte.
È la



È di pelle.
Ha tanti fori ed una fibbia.
Serve a sostenere i pantaloni.
È la



È di porcellana.
Ha un manico.
Serve per bere.
È la



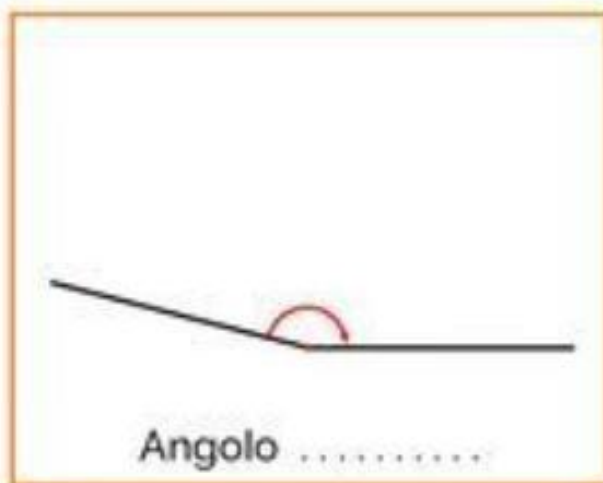
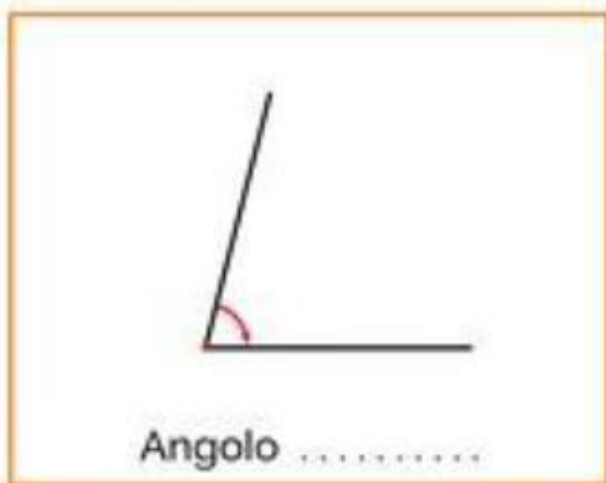
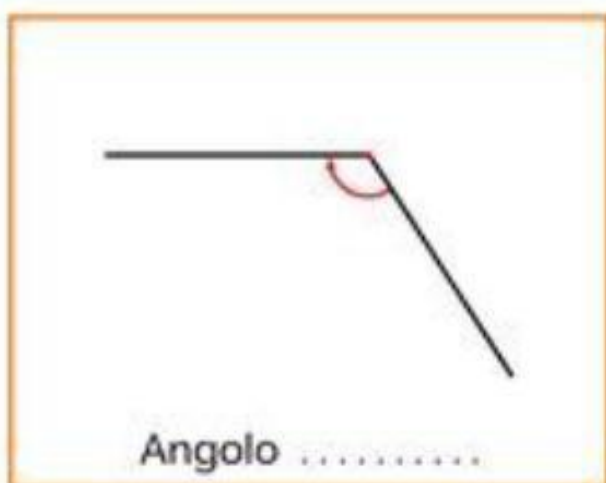
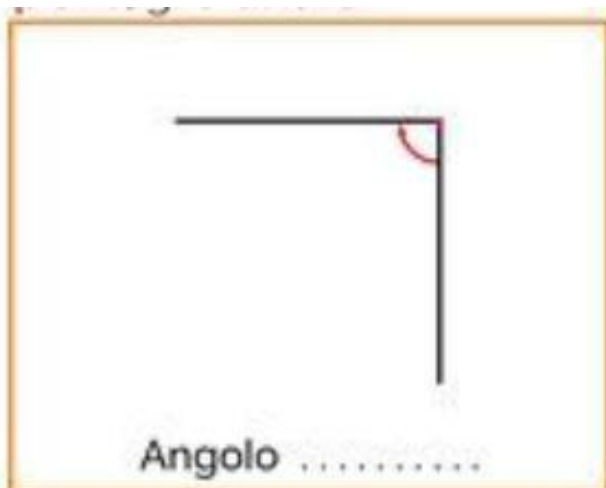
È di plastica.
Se è vuota occupa poco spazio.
Serve a portare la spesa.
È la



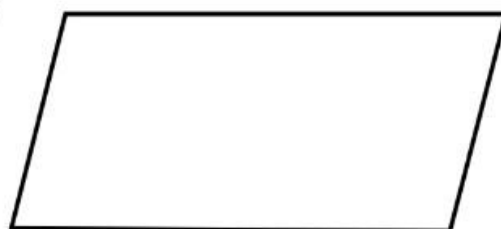
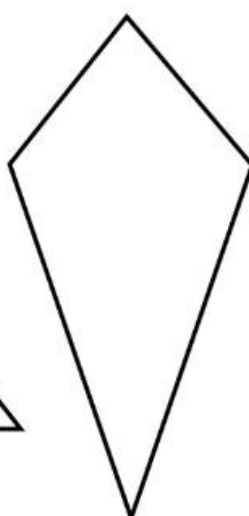
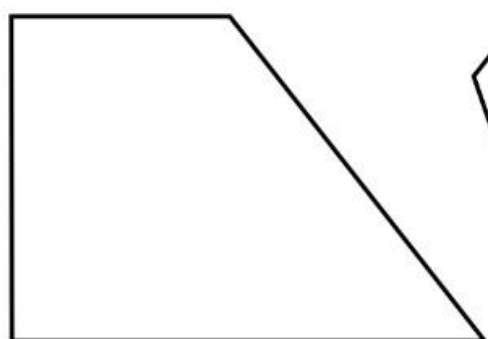
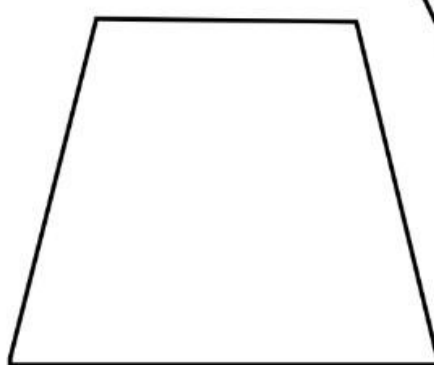
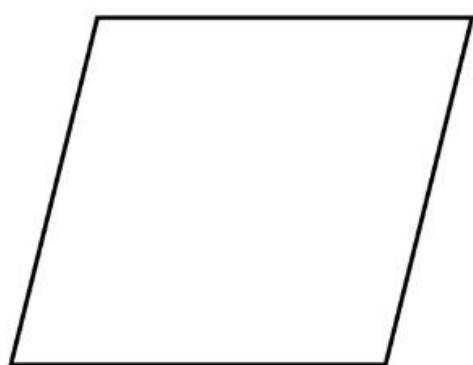
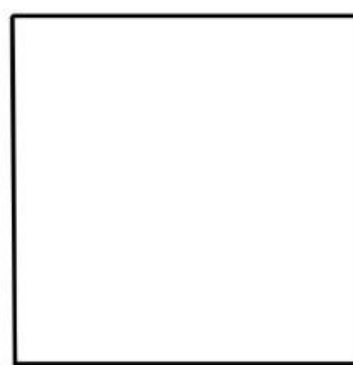
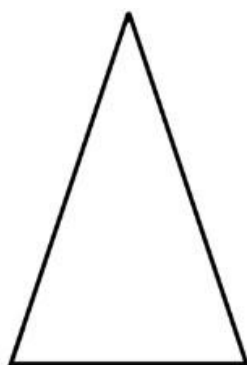
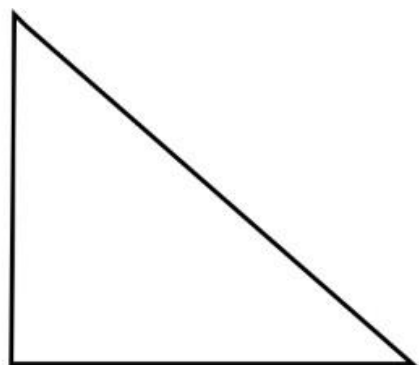
È di carta.
La sua copertina è dura.
Serve a segnare i compiti e altre informazioni.
È il

Esercizi sugli angoli

A) Scrivi in ogni riquadro se si tratta di un angolo retto, acuto, ottuso, piatto, giro o nullo



B) Osserva gli angoli dei seguenti poligoni e colora quelli retti in **verde**, quelli acuti in **rosso** e quelli ottusi in **blu**



C) Disegna l'angolo indicato in ogni riquadro

Angolo retto

Angolo acuto

Angolo ottuso

Angolo piatto

Angolo giro

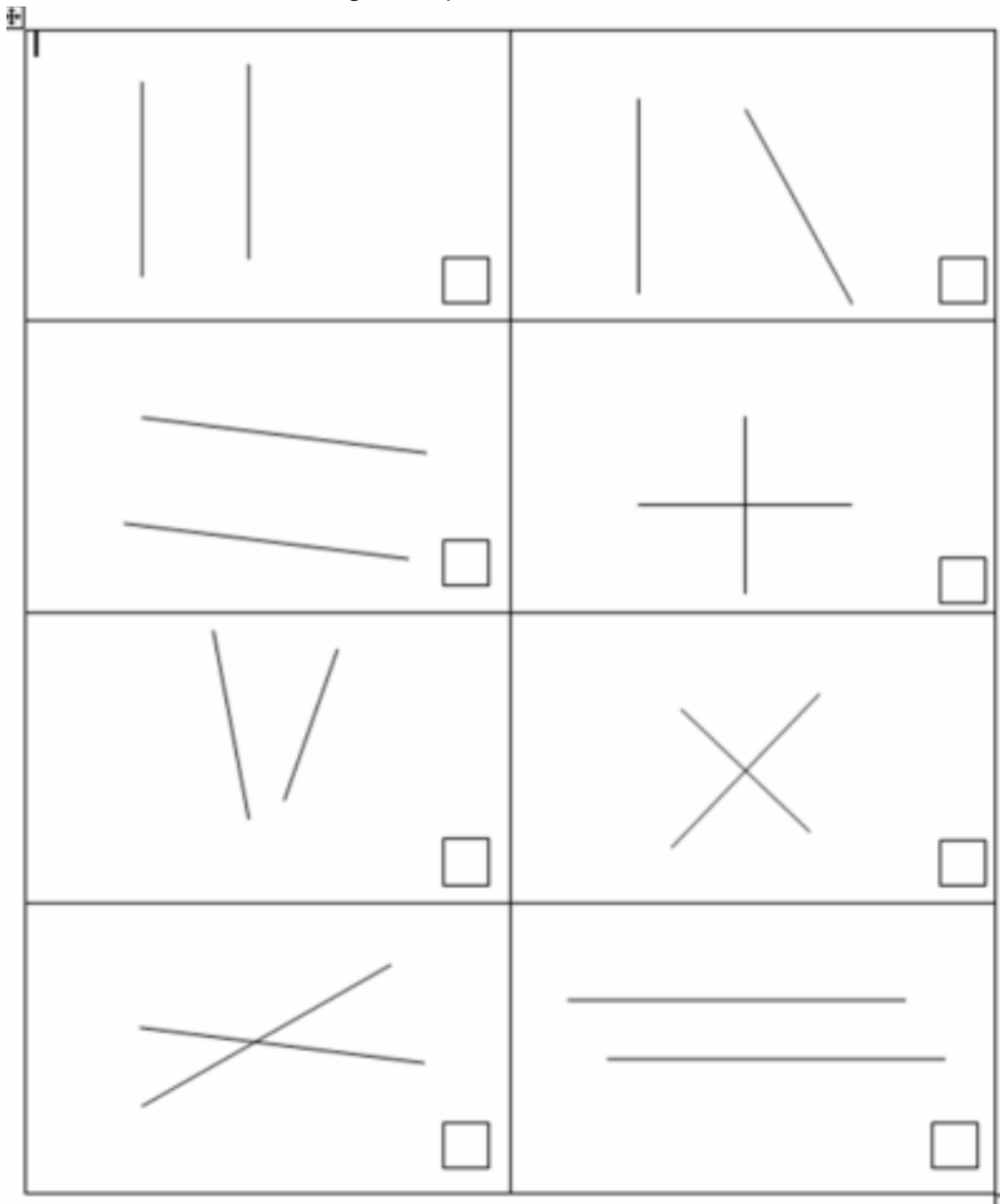
Angolo nullo

Esercizi su rette e segmenti

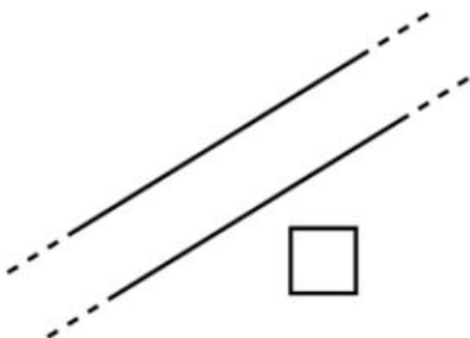
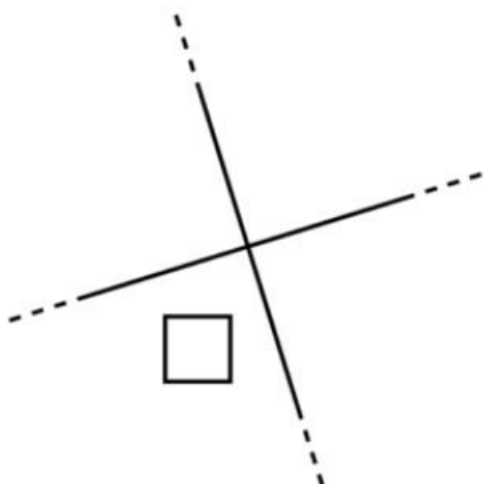
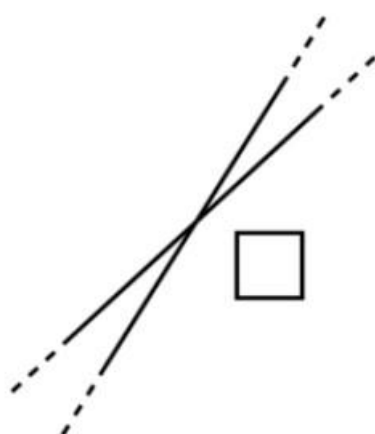
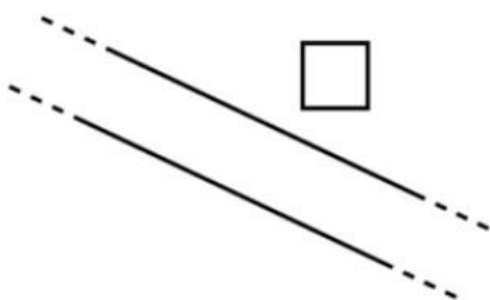
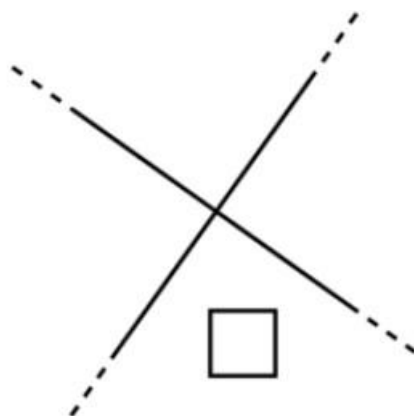
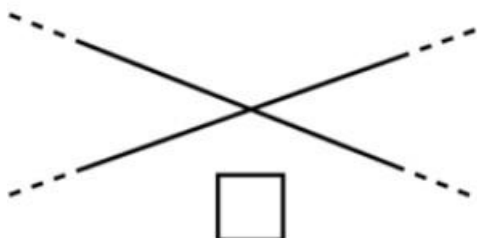
Colora di **rosso** il quadratino nelle celle dei segmenti incidenti

In **blu** nelle celle dei segmenti perpendicolari

In **verde** nelle celle dei segmenti paralleli.



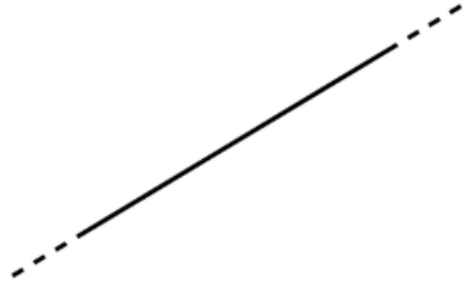
Per ogni coppia di rette scrivi nei riquadri **A** se sono parallele, **I** se sono incidenti e **P** se sono perpendicolari



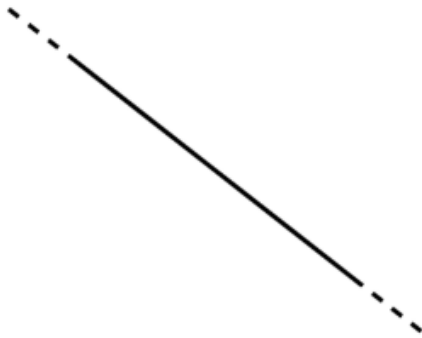
Disegna una seconda retta in ogni riquadro in modo da raffigurare la coppia di rette indicate.



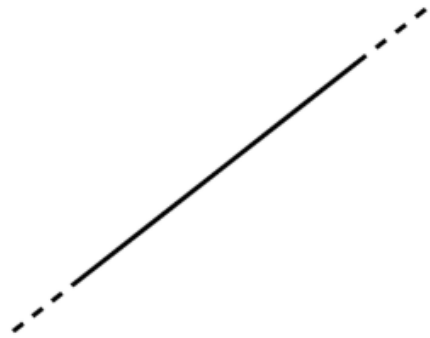
Rette perpendicolari



Rette parallele



Rette incidenti



Rette perpendicolari



Rette parallele



Rette incidenti

Scrivi accanto alle linee se si tratta di: segmento – semiretta – retta – rette parallele – rette perpendicolari – rette incidenti

a.

b.

c.

d.

e.

f.

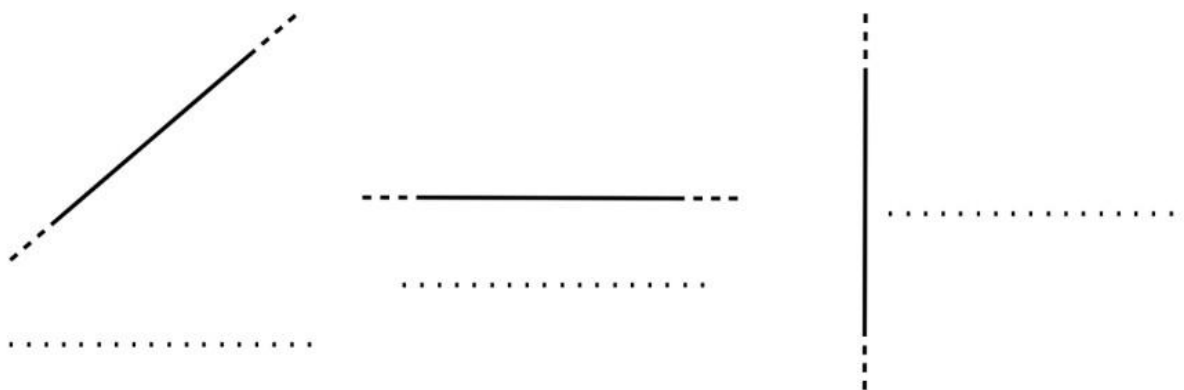
g.

h.

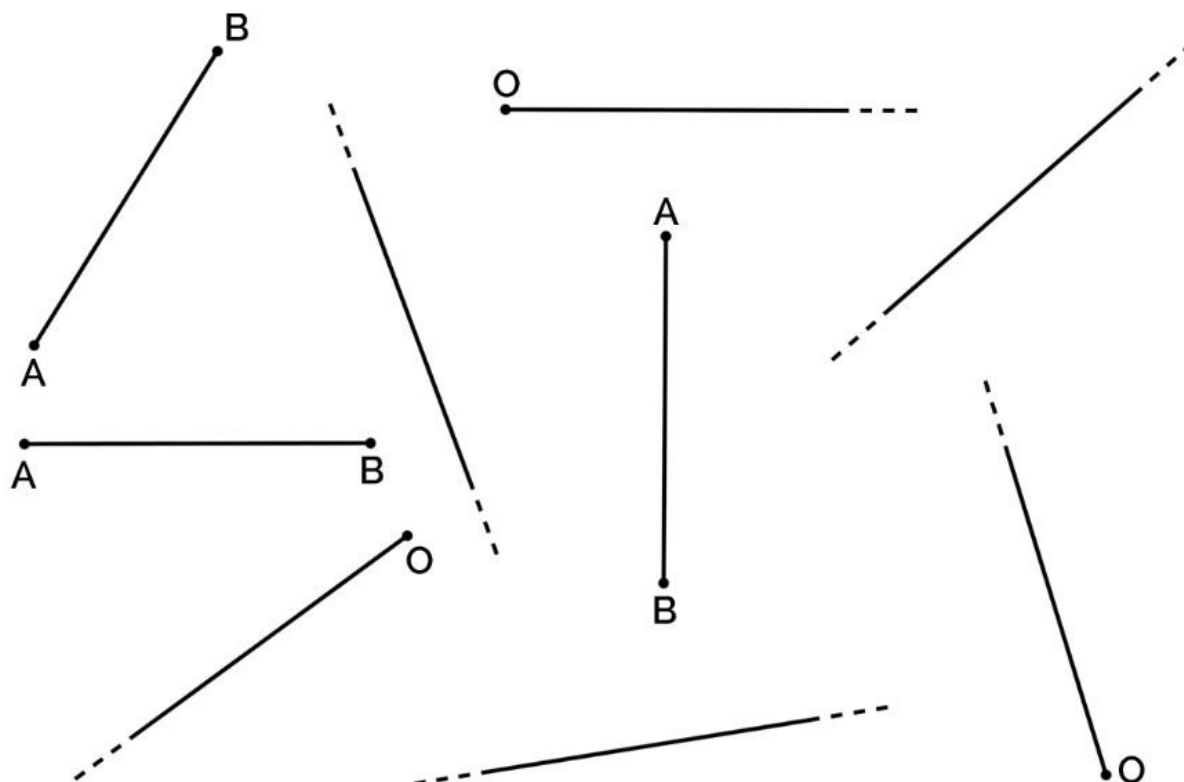
i.

l.

Accanto a ciascuna retta scrivi se è orizzontale, verticale o obliqua

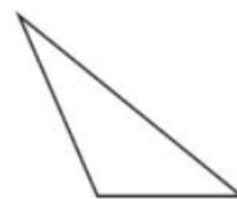
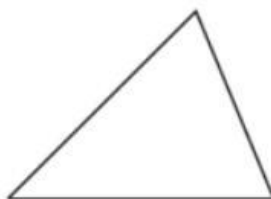
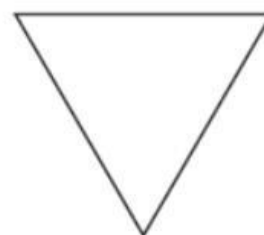
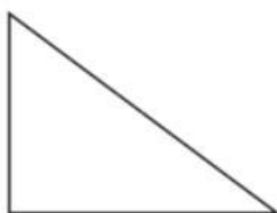
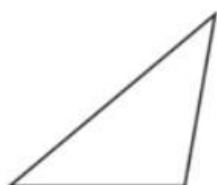
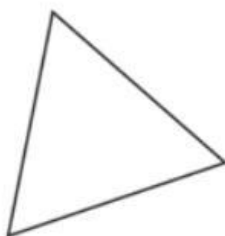
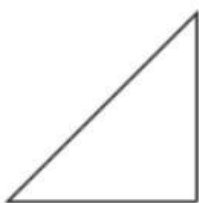
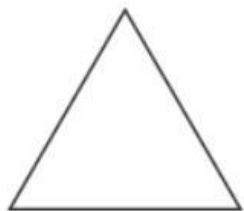


- Ripassa in **rosso** le **linee rette**, in **verde** le **semirette** e in **blu** i **segmenti**.

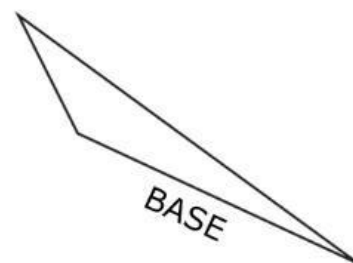
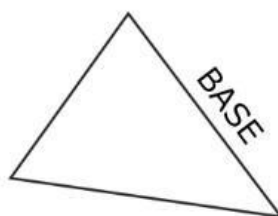
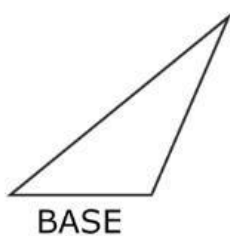
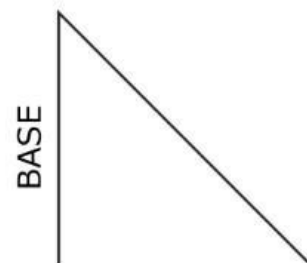
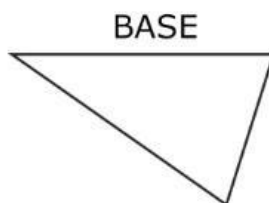
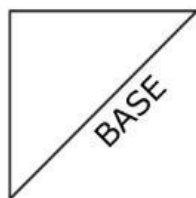
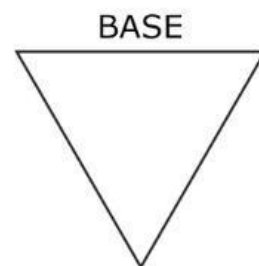
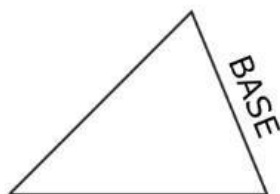
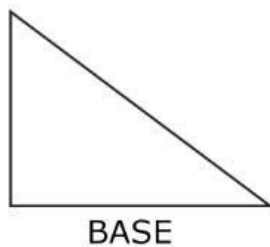
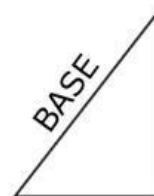
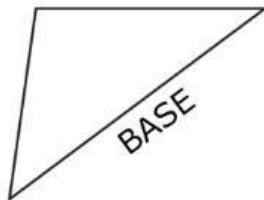
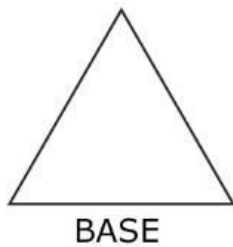


I triangoli

Scrivi **E** sui triangoli equilateri, **I** su quelli isosceli e **S** su quelli scaleni



Per ogni triangolo traccia l'altezza relativa alla base indicata

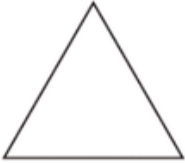


Leggi e completa

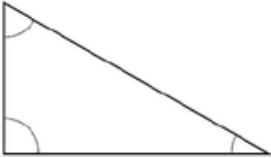
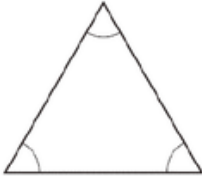
1) Completa il testo

Rispetto ai lati i triangoli possono essere equilateri (con i tre lati), (con due lati uguali) e (con tutti i lati.....).
 Rispetto agli angoli i triangoli possono essere rettangoli (con un angolo), (con un angolo ottuso) e (con tutti gli angoli).

2) Completa la tabella di classificazione dei triangoli in base ai lati

Figura	Nome	Lati	Angoli	Assi di simmetria
	Triangolo			
	Triangolo	Due lati Un lato		
	Triangolo		Disuguali	

3) Completa la tabella di classificazione dei triangoli in base agli angoli

Figura	Nome	Angoli
	Triangolo	Un angolo Due angoli
	Triangolo	Un angolo Due angoli
	Triangolo	Tre angoli