



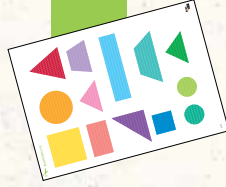
Spejl min figur



Deltagere: 2 eller i hold

- Læg A3 papiret foran jer og tegn en lodret streg midt på papiret (spejlingsakse).
1. 1. deltager danner en figur eller et mønster på den ene side af spejlingsaksen.
 2. 2. deltager skal nu forsøge at spejle figuren i spejlingsaksen.

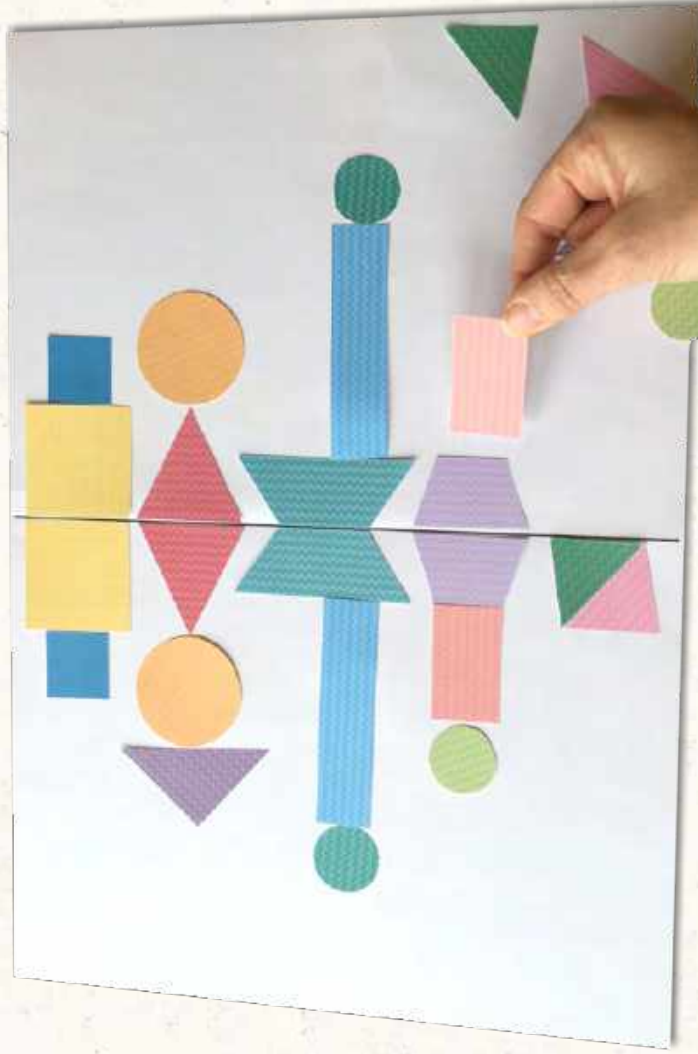
Det skal du bruge:



Brikker (et sæt pr. deltager - på kraftigt papir)

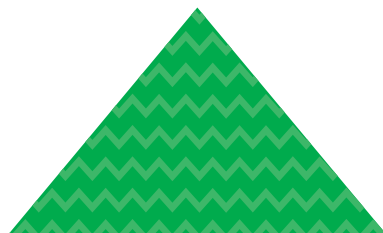
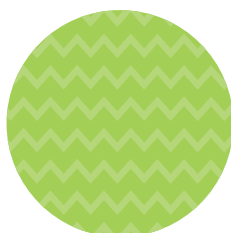
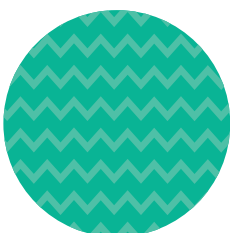
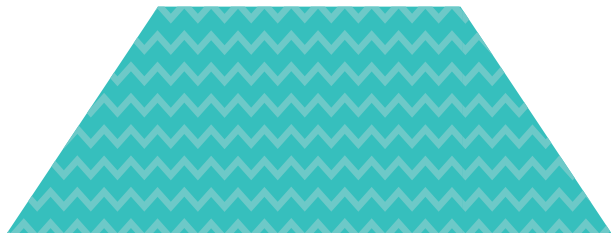
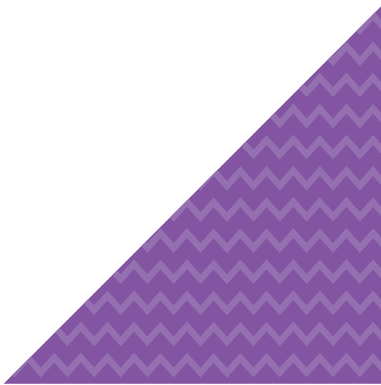
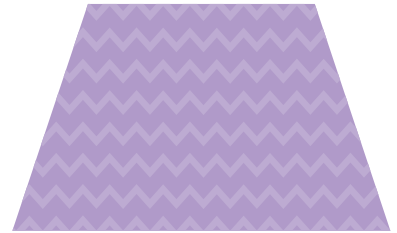
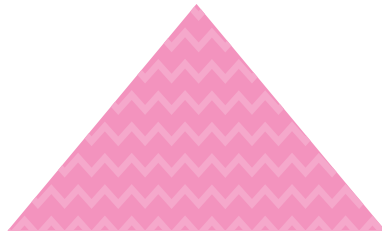
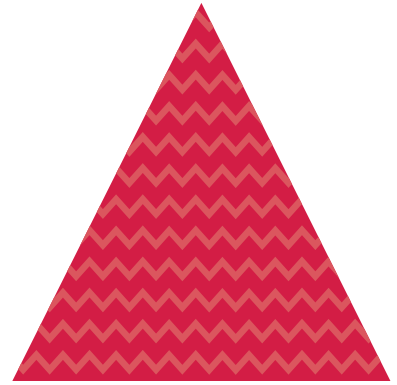
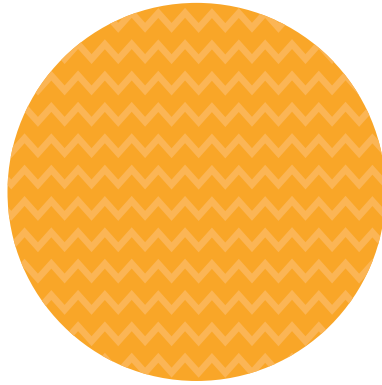
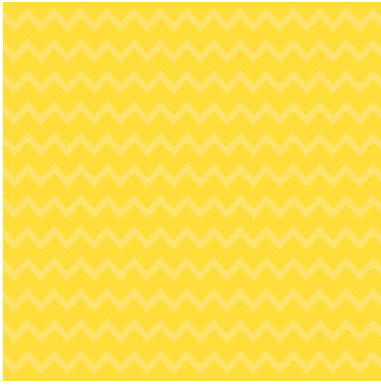


Et stykke A3 papir



Det lærer man:
Forståelse af
spejlinger
og symmetri.







Spejlinger (2)



Deltagere: 1

En spejling i matematik kan sammenlignes med, at du ser dig i spejlet. Det er som om, der står en kopi 'på den anden side'.

Når man spejler en figur i en linje, kommer der en figur på den anden side af linjen. Figuren er magen til den første - bare spejlvendt. Linjen hedder spejlingsaksen/symmetriaksen. Afstanden fra figurerne til akse er ens. Når man spejler figurer med kanter fx trekanter eller mangekanter, er det nok at spejle hvert hjørne, og så forbinde de punkterne med linjer. Husk at det skal være den vinkelrette afstand fra spejlingsaksen.

Farvelæg gerne figurerne bagefter.

Tip

Spejlingsaksen hedder også symmetriaksen.



Brug kortene som én af opgaverne i stjerneløb eller som stafetkonkurrence mellem 2 hold.

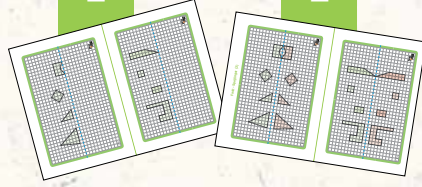
Stjerneløb

Et stjerneløb er et løb, hvor deltagerne i hold starter på et centralt sted. Her får de hver et nummer, som svarer til en post ude i området. Holdene løber ud og løser opgaver ved posterne - og vender derpå tilbage til det centrale sted for at få et nyt nummer. Lav flere poster end der er hold, så gør det ikke noget at nogle er hurtigere end andre.

Det lærer man:
Forståelse af spejlinger og symmetri.

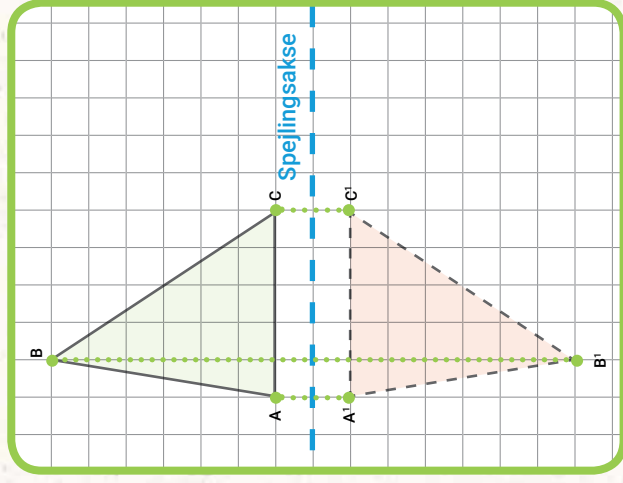


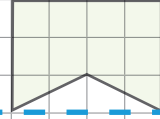
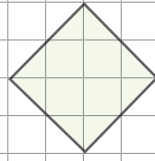
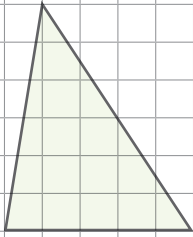
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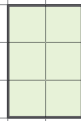
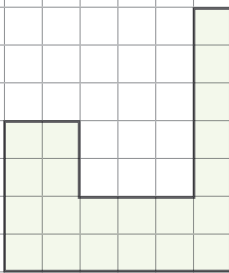
Kort

Facit



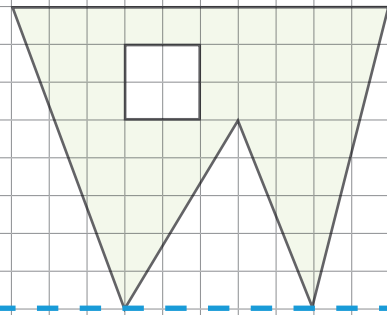
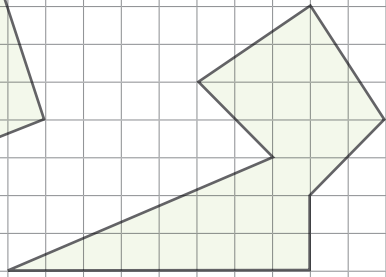
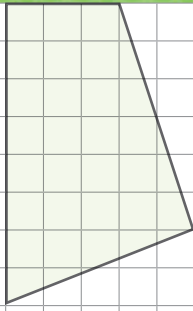


G2.4a

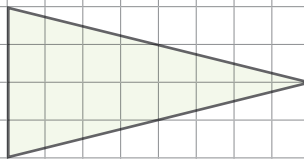
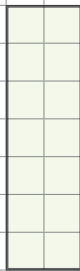
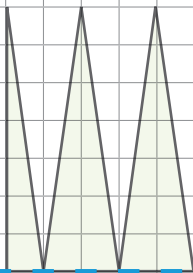


G2.4a



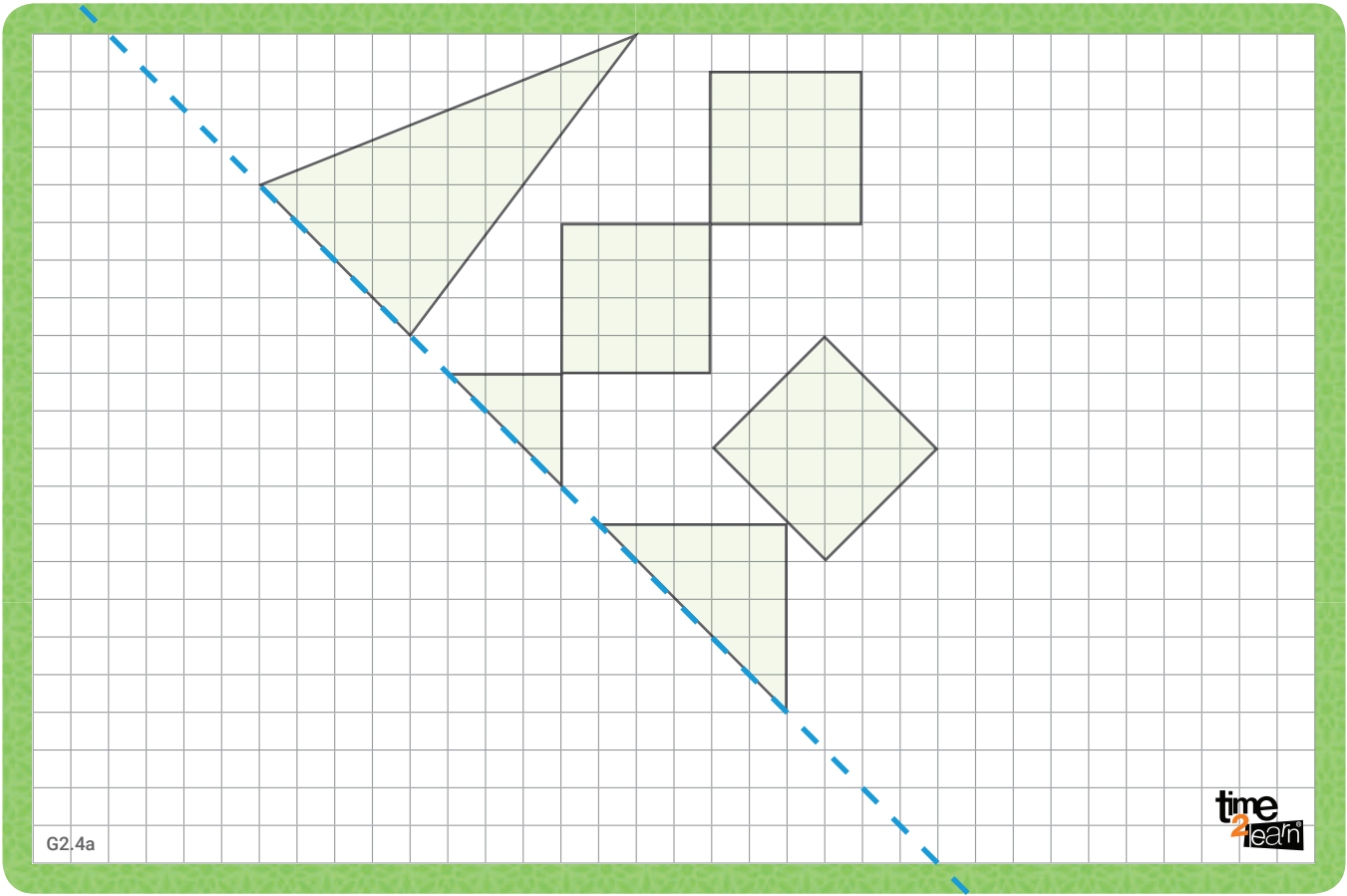


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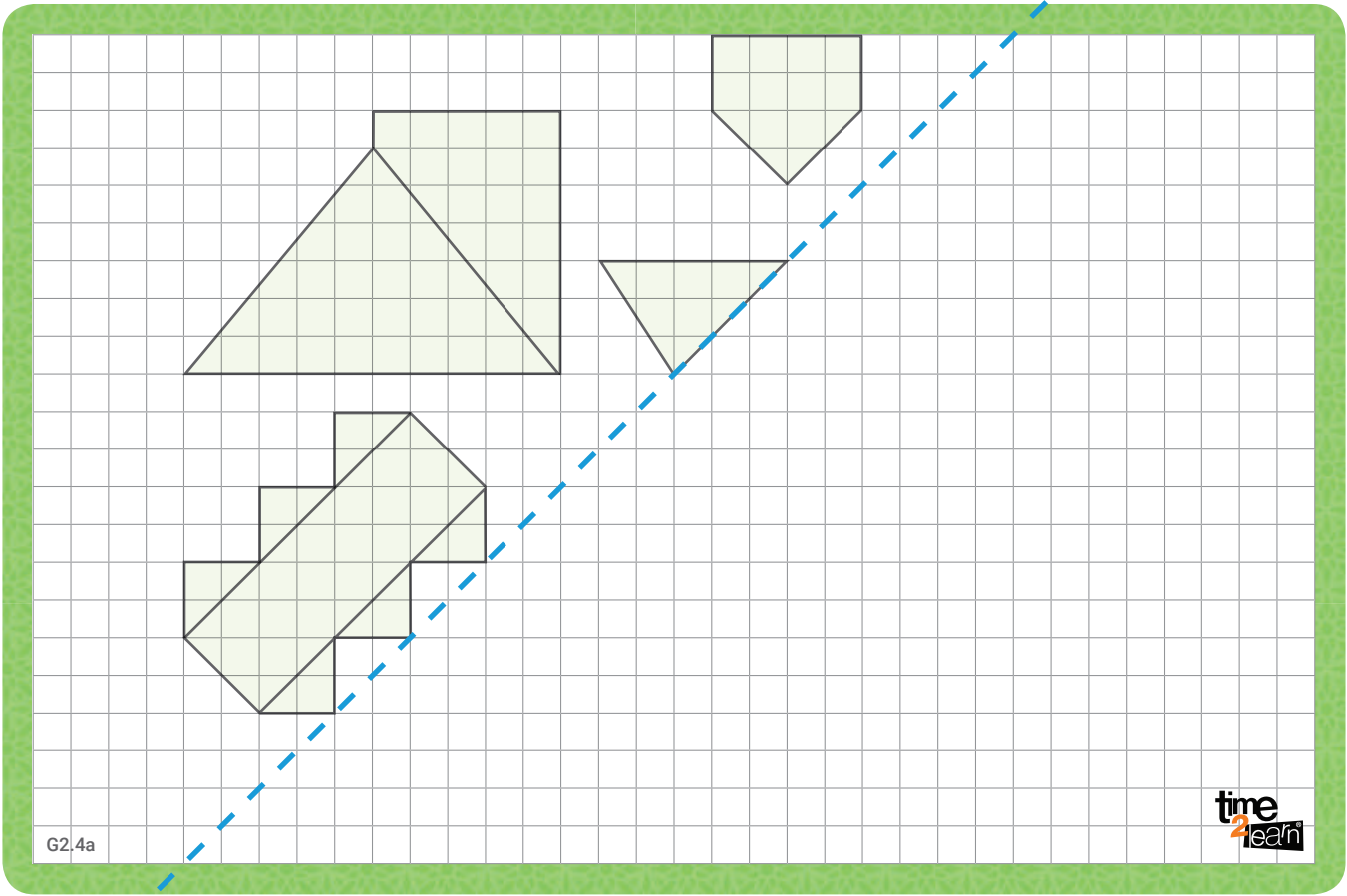


G2.4a





G2.4a



G2.4a

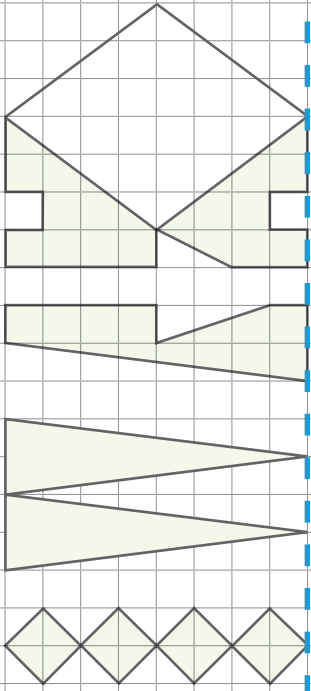


G2.4a

time 2 learn

G2.4a

time 2 learn



G2.4a

time
2learn

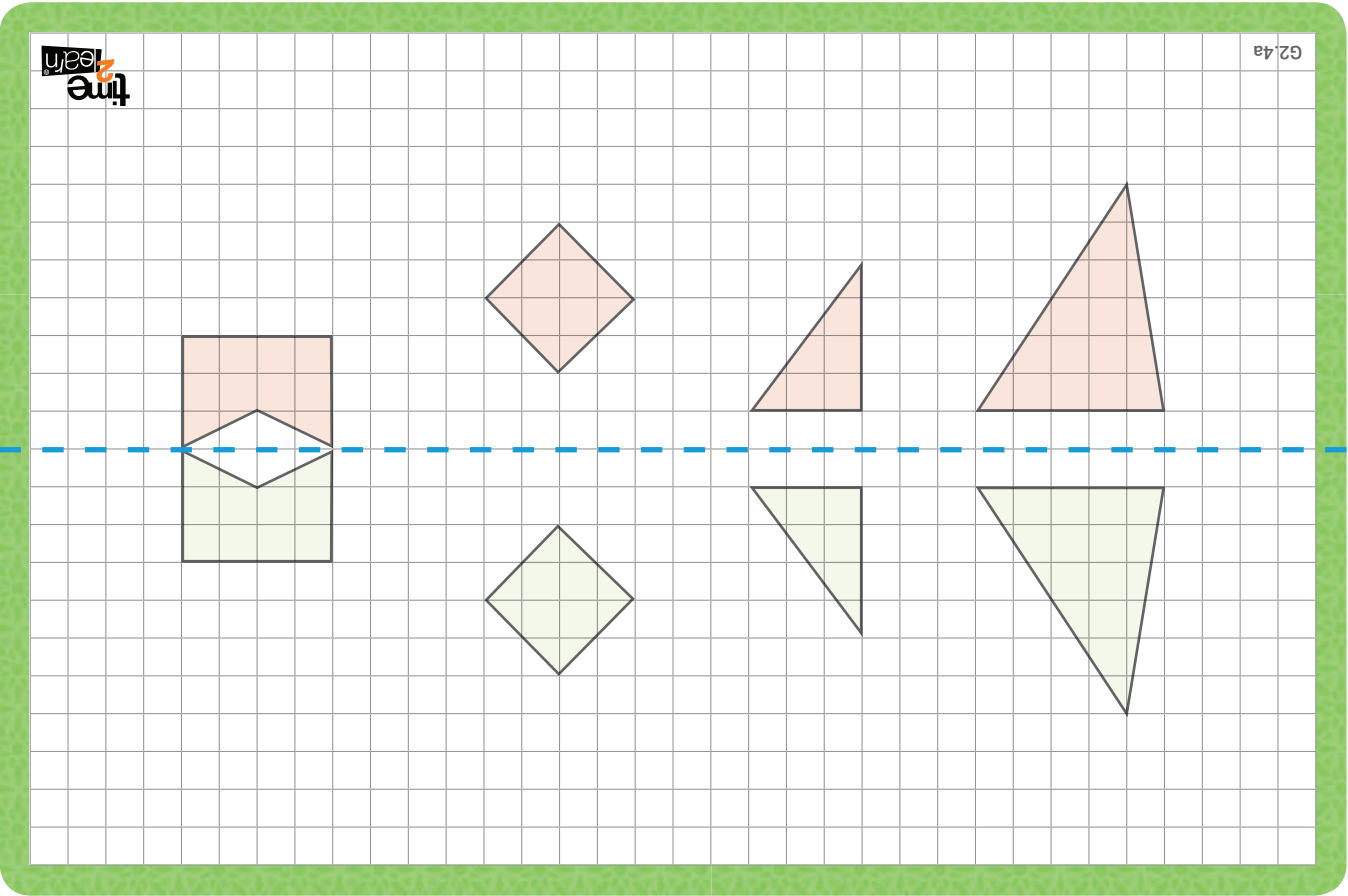
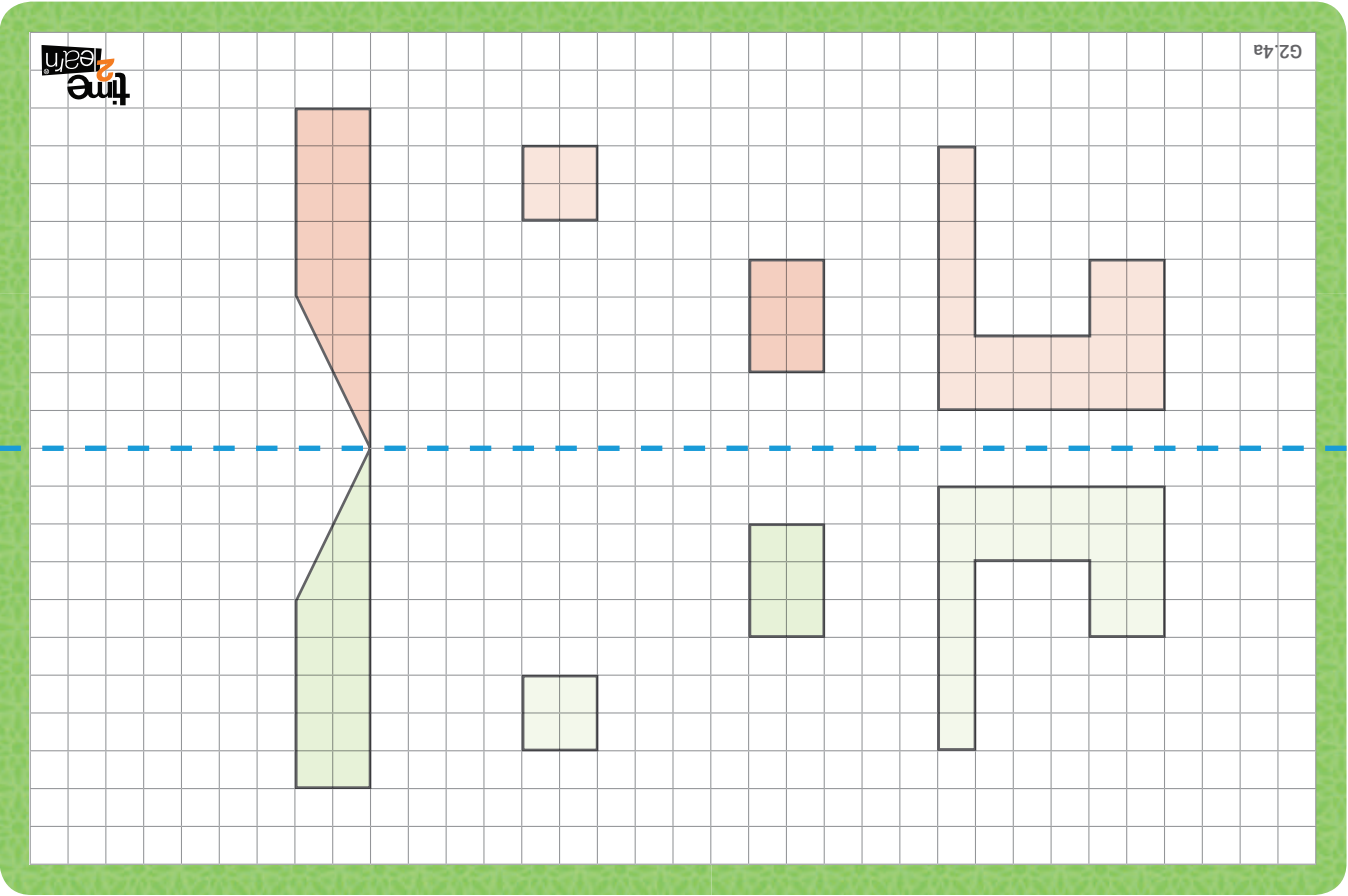
PRUT

TUJ2

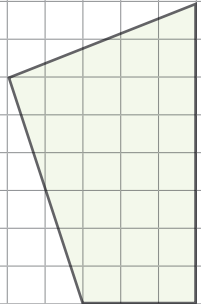
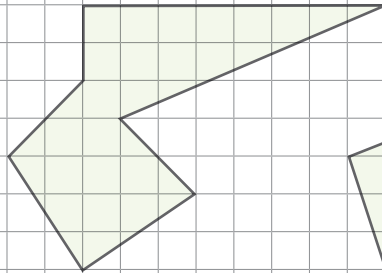
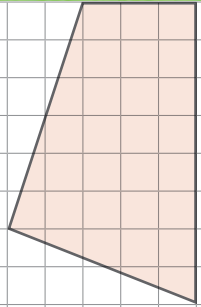
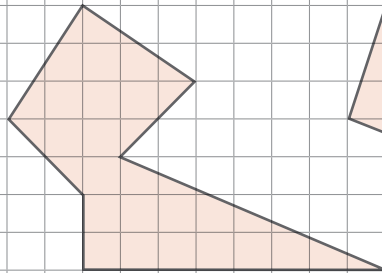
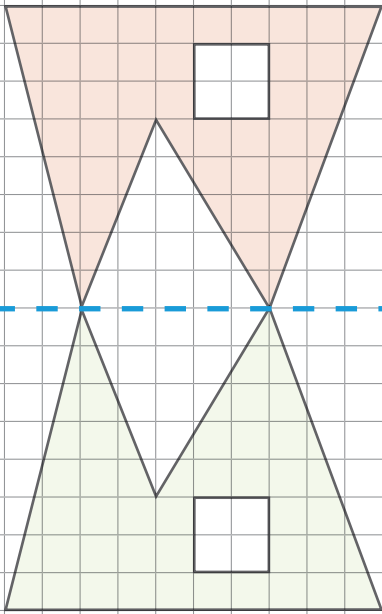
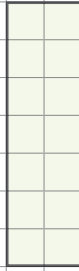
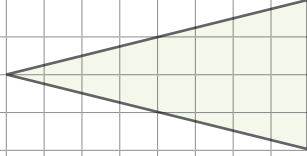
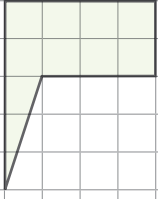
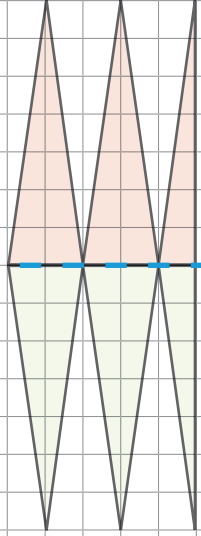
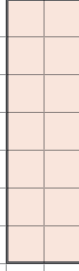
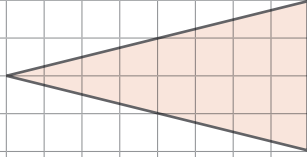
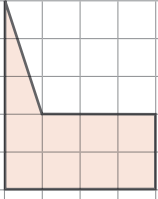
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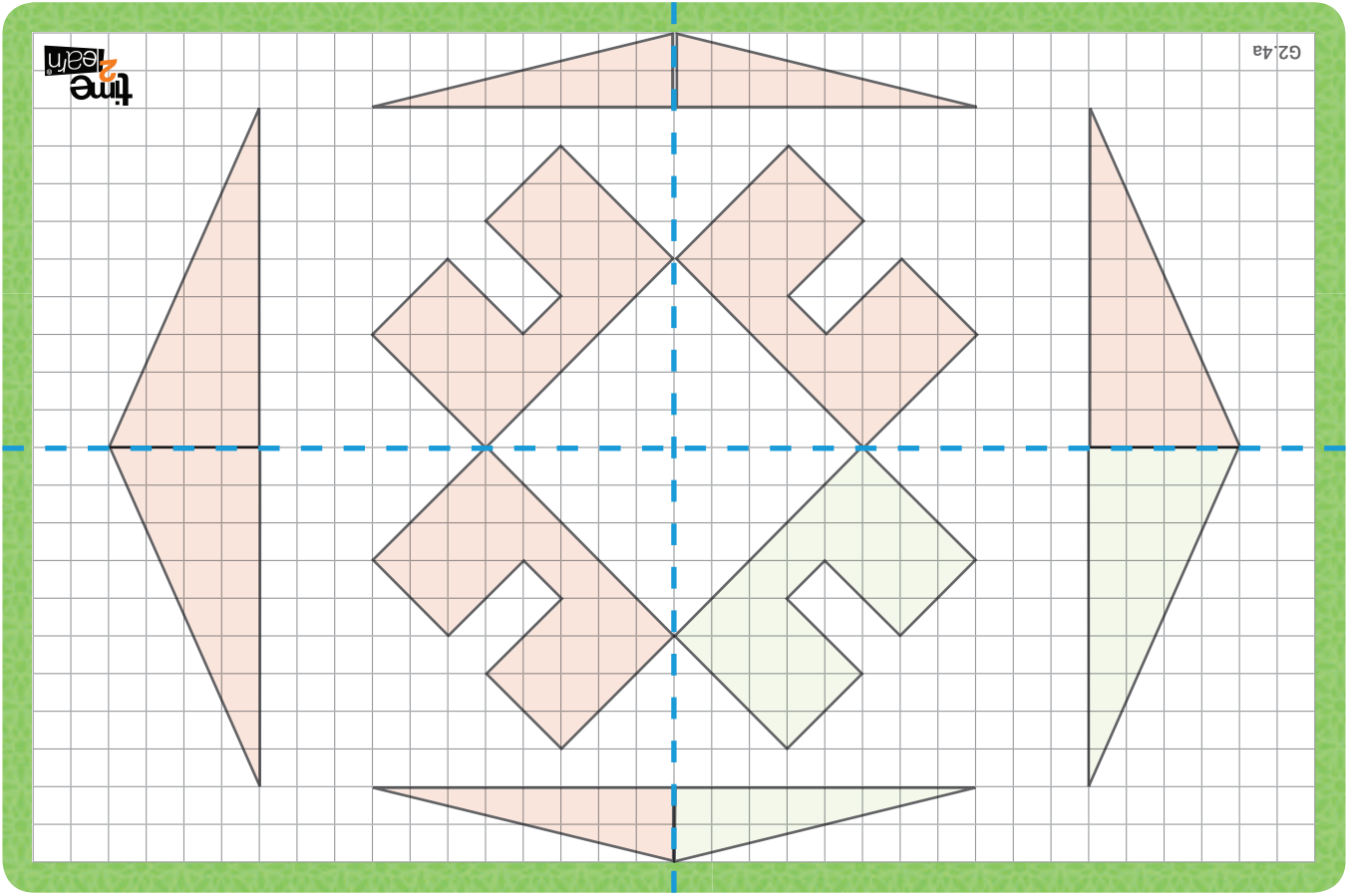
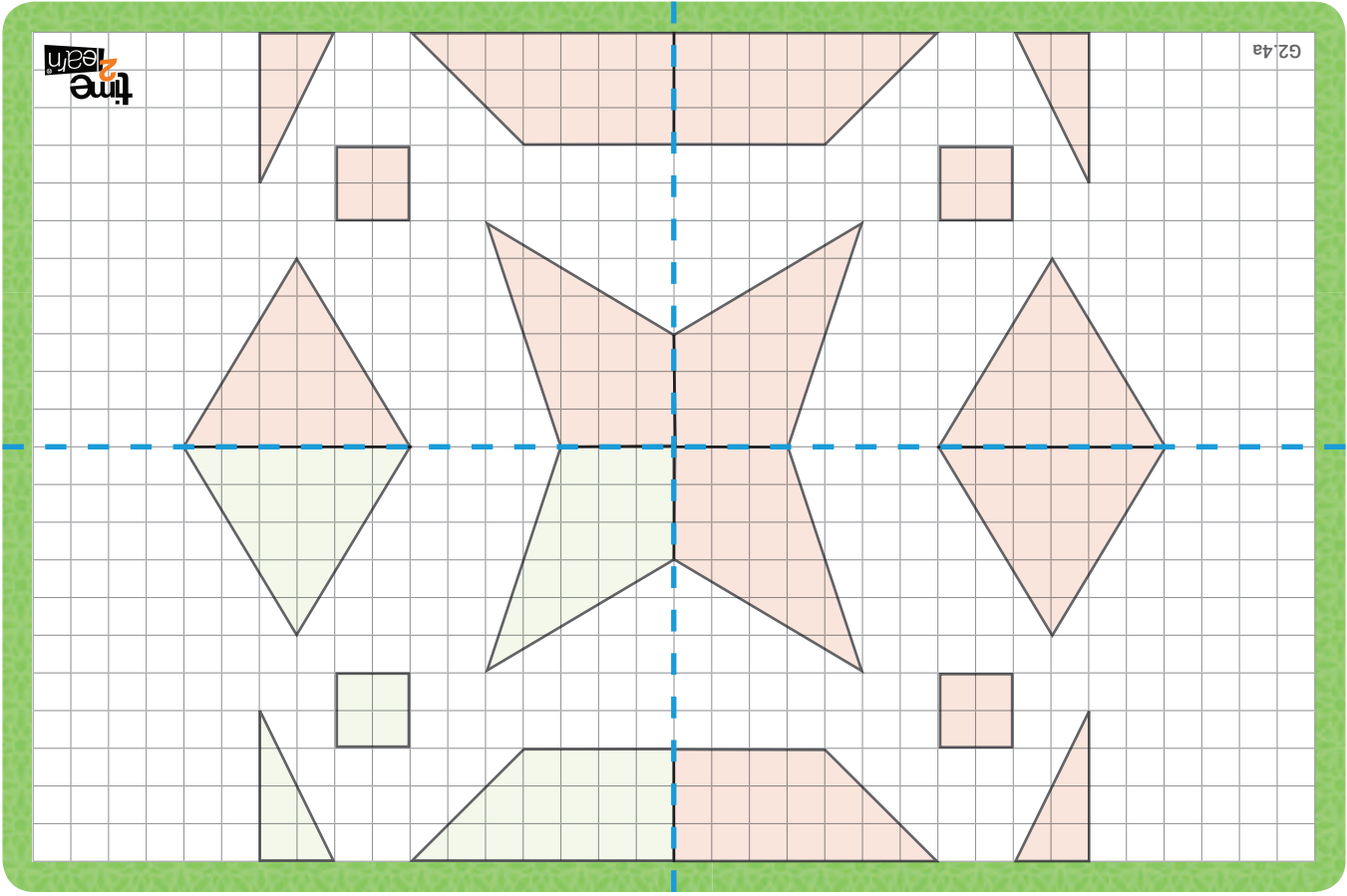
G2.4a

time
2learn



Facit - Spejlinger (2)





FINNVALETT
FINNVALETT

PRUTTU
PRUTTU

SLUTT
SLUTT

