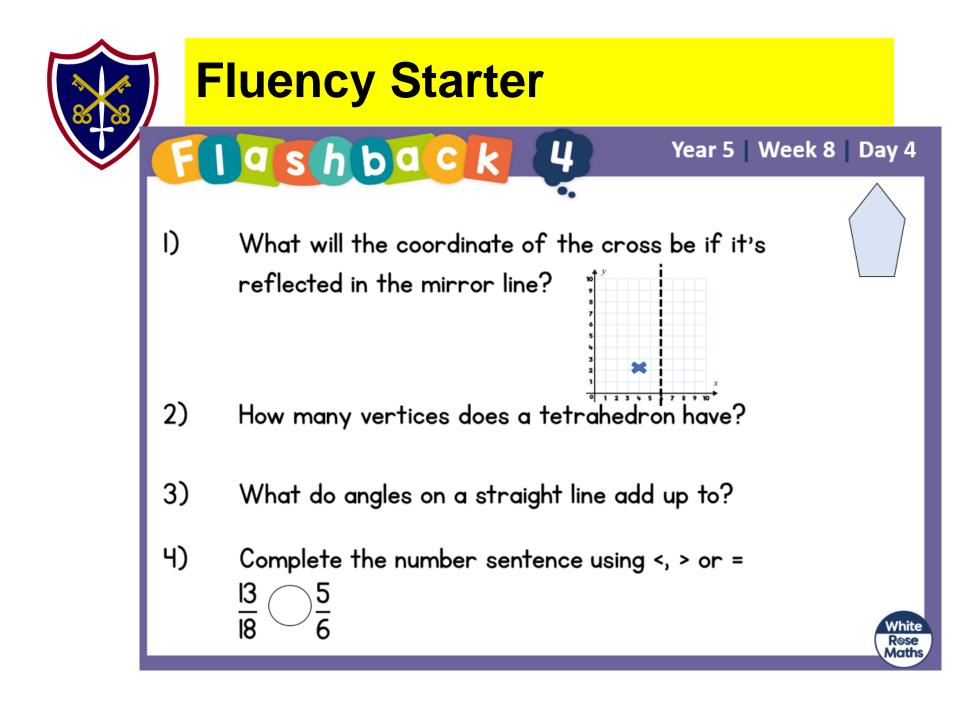
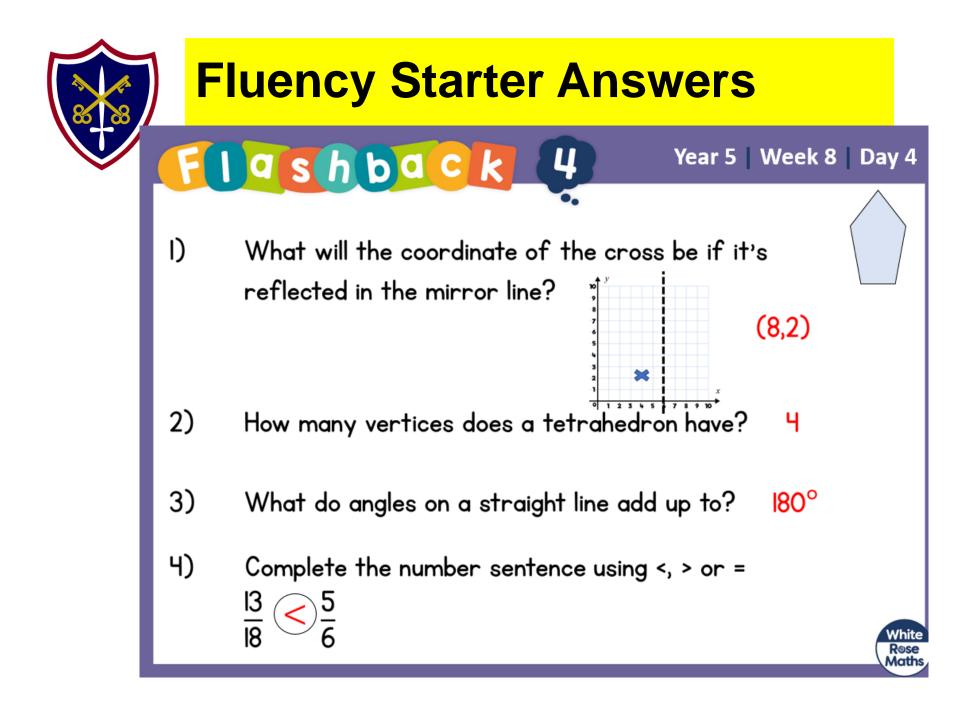


Year Five Maths Lesson 4



- Keep up your daily practice of 5 a day <u>https://corbettmathsprimary.com/5-a-day/</u> and challenge yourself to Bronze, Silver, Gold or Platinum!
- Or Complete Flashback 4 for your daily starter (on the next slide).
- Log on to Doodlemaths for 15 minutes each day and try and keep in the Green Zone.
- There are also some Maths activities on Purple Mash to complete.







• I can translate a shape

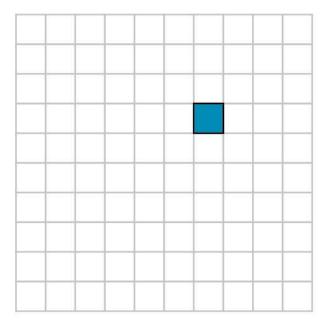
Translation



Complete the translations.

a) Translate the shape4 squares to the right.

- **b)** Translate the shape
 - 2 squares up.



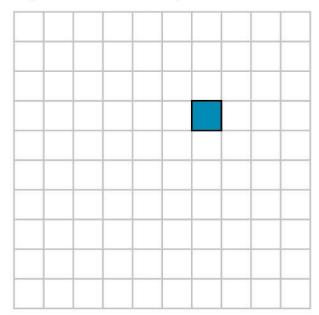
White Rose Maths





c) Translate the shape4 squares right, 2 squares up.

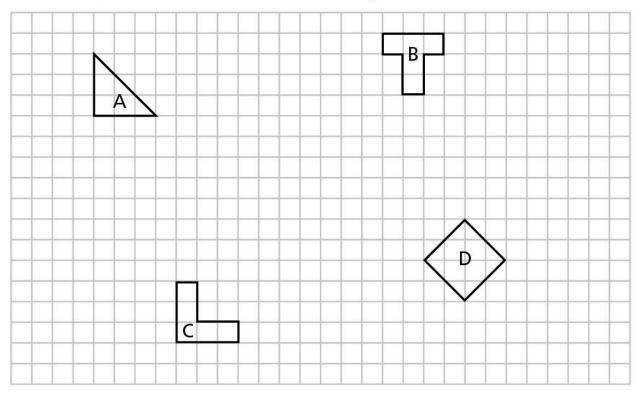
d) Translate the shape 3squares left, 5 squares down.







Four shapes have been drawn on a grid.

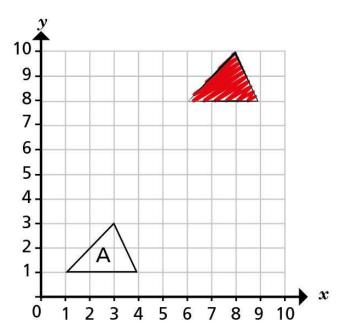


- a) Translate shape A 5 squares to the right and 3 squares down.
- b) Translate shape B 4 squares to the left and 7 squares down.
- c) Translate shape C 6 squares to the left.
- d) Translate shape D 4 squares to the right and 8 squares up.



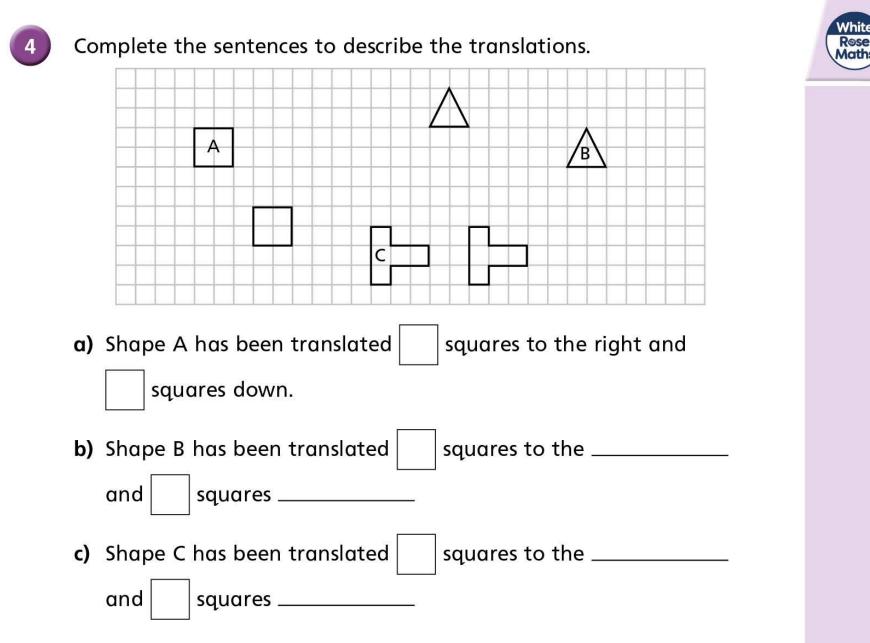


Dora has translated triangle A 2 squares to the right and 7 squares up.



Is Dora's drawing correct? _____ Explain why.









A shape has been drawn on a coordinate grid.

10 9

 a) Translate shape D 4 squares to the left and 6 squares up.
Label the new shape E.

b) Describe the translation from shape E to shape D.



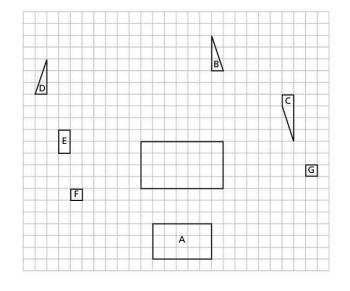
What do you notice? Does this always happen?





Eight polygons are drawn on the grid.





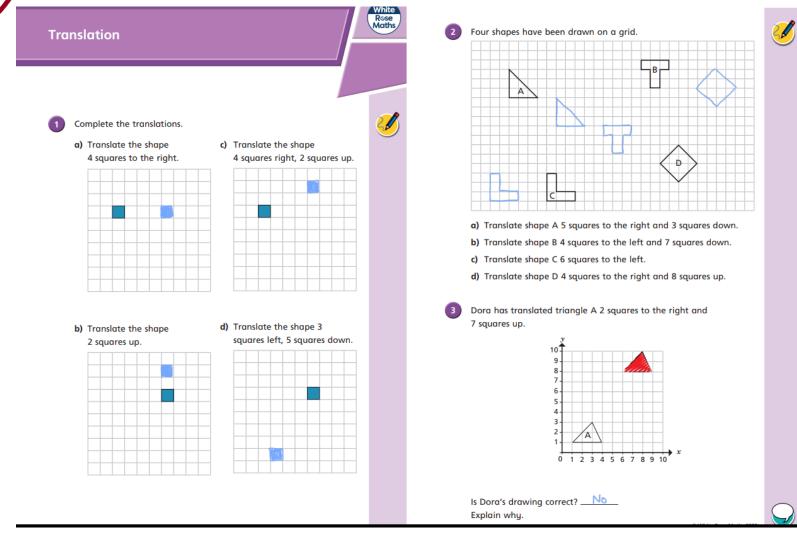
- a) Translate shape A 10 squares up.
- b) Translate shape B 6 squares down.
- c) Translate shape C 6 squares left.
- **d)** Translate shape D 9 squares to the right and 4 squares down.
- e) Translate shape E 10 squares to the right and 3 squares down.
- f) Translate shape F 7 squares to the right and 3 squares up.
- g) Translate shape G 9 squares to the left and 1 square up.

Create your own problem like this for a partner.



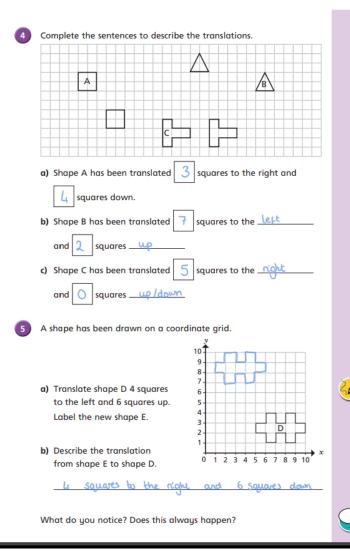


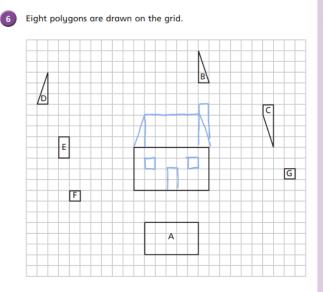
Fluency Activity Answers





Fluency Activity Answers



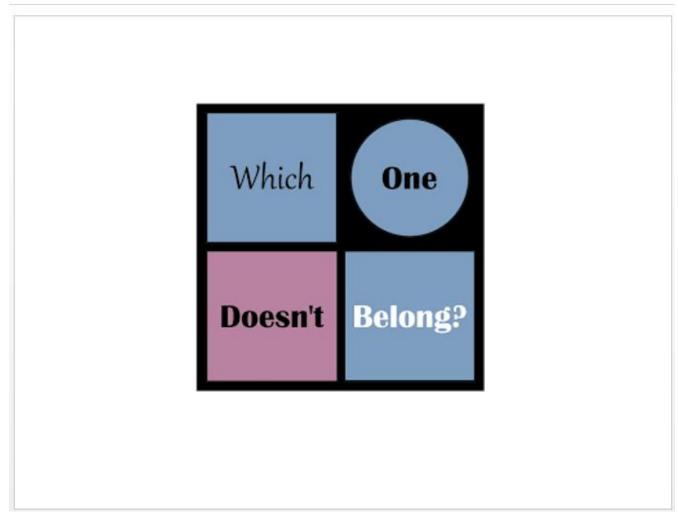


- a) Translate shape A 10 squares up.
- b) Translate shape B 6 squares down.
- c) Translate shape C 6 squares left.
- d) Translate shape D 9 squares to the right and 4 squares down.
- e) Translate shape E 10 squares to the right and 3 squares down.
- f) Translate shape F 7 squares to the right and 3 squares up.
- g) Translate shape G 9 squares to the left and 1 square up.

Create your own problem like this for a partner.



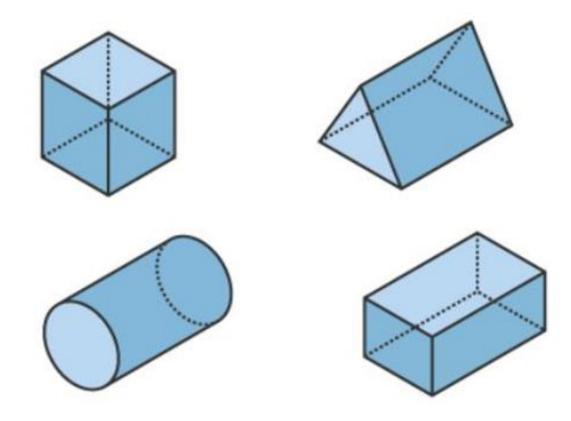
Problem Solving





Problem Solving

• How many ways can you find?





Problem Solving

- How many different ways did you find?
- Can you explain your reasoning?