

Translate and describe an object given a horizontal or vertical instruction

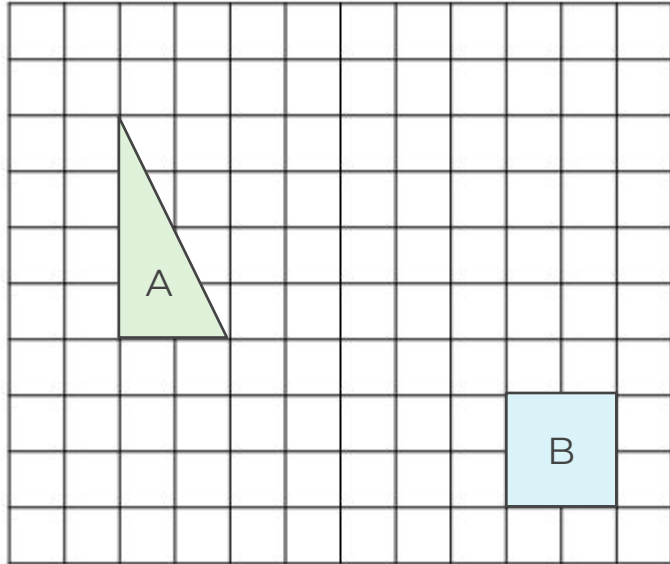
Maths

Miss Davies



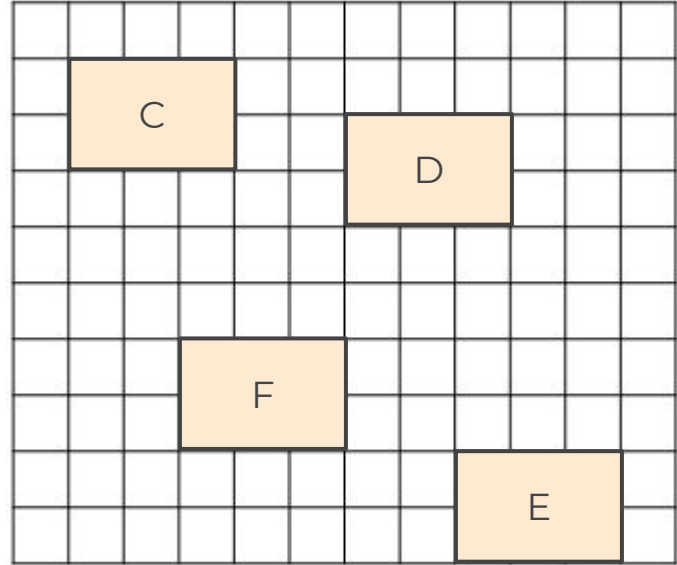
Translating objects

1. Two shapes are drawn on a grid.



- a) Translate A 4 squares to the right.
- b) Translate B 3 squares up.

2.

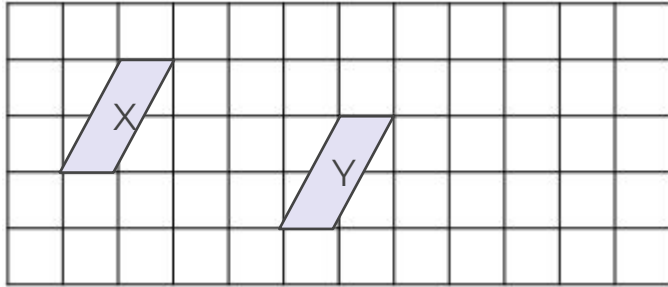


- a) Describe the translation of C to D
- b) Describe the translation of E to F



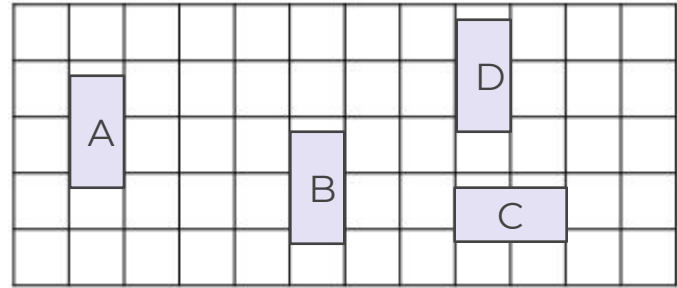
Translating objects

3. Eric is describing the translation of X to Y. He says the translation is 4 squares to the left and one square up.



- a) What mistake has he made?
- b) What is the translation of X to Y?

4. Which statements are true?



- A to D is 6 squares to the right and 1 square up.
- B to C is 2 squares to the right and 1 square down.
- D to B is 3 squares to the left and 2 squares down.

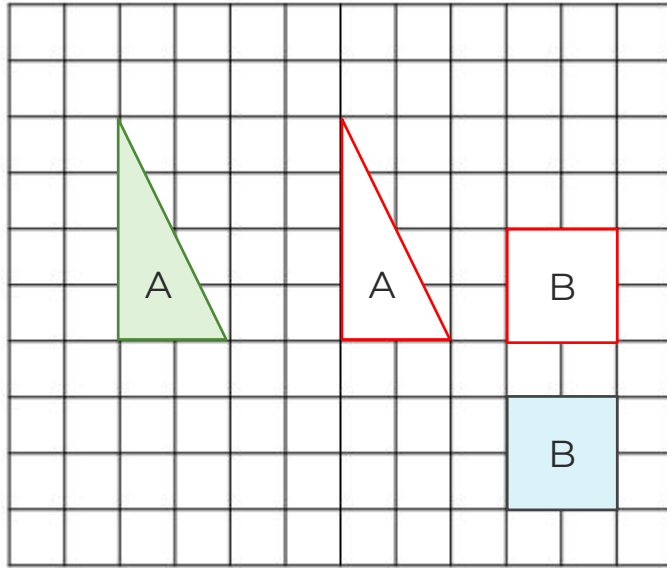


Answers



Translating objects

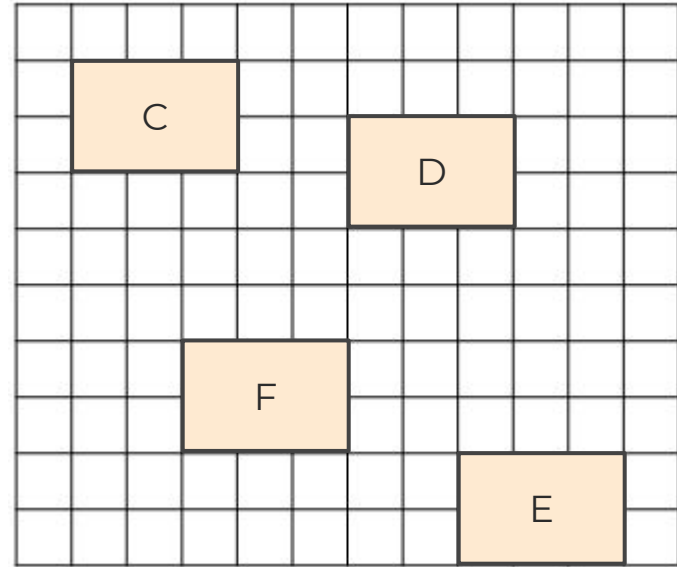
1. Two shapes are drawn on a grid.



a) Translate A 4 squares to the right

b) Translate B 3 squares up

2.



a) Describe the translation of C to D

5 squares right and 1 down

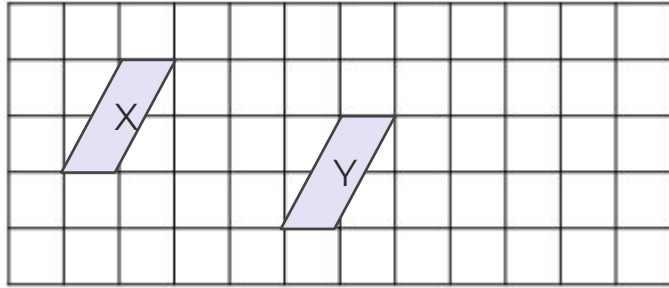
b) Describe the translation E to F

5 squares left and 2 up



Translating objects

3. Eric is describing the translation of X to Y. He says the translation is 4 squares to the left and one square up.



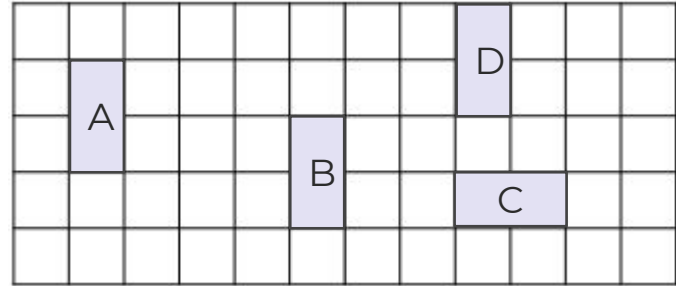
a) What mistake has he made?

He has described Y to X.

b) What is the translation of X to Y?

4 squares right and 1 down

4. Which statements are true?



- A to D is 6 squares to the right and 1 square up. (FALSE)
- B to C is 2 squares to the right and 1 square down. (FALSE)
- D to B is 3 squares to the left and 2 squares down. (TRUE)

