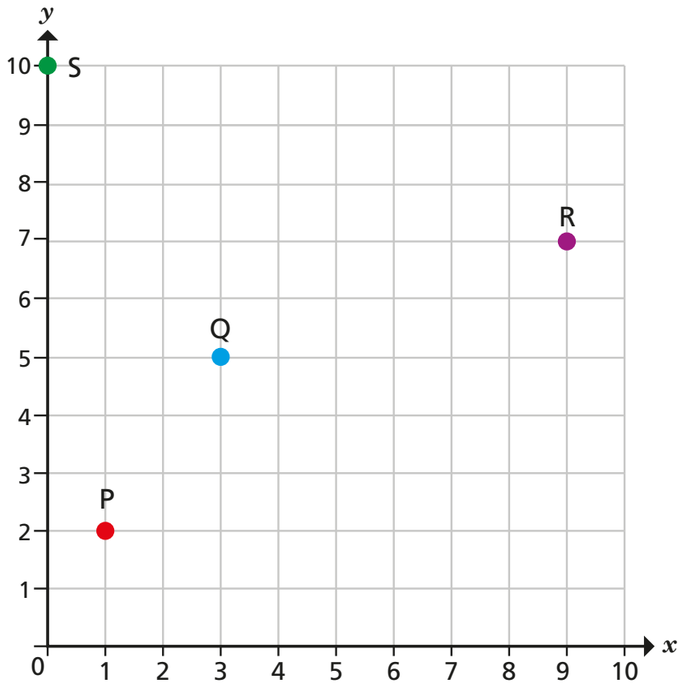
Translations

1



Describe the translations.

a) From P to Q is ☐ right and ☐ up

b) From Q to R is ☐ right and ☐ up

c) From R to S is ☐ left and ☐ up

d) From S to P is ☐ _____ and ☐ _____

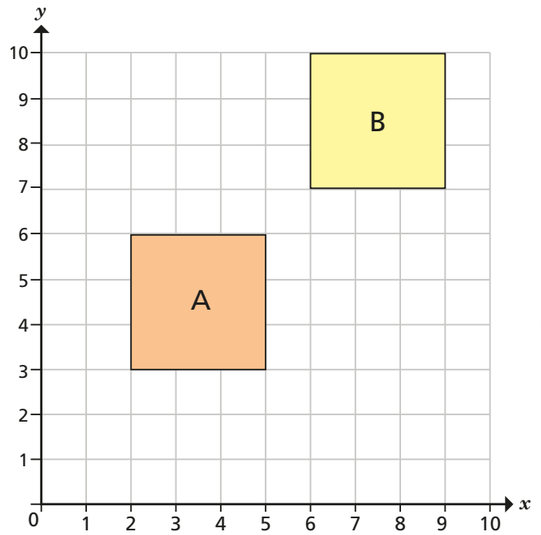
e) From Q to P is ☐ _____ and ☐ _____

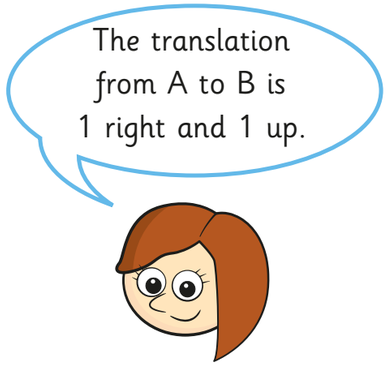
f) From R to Q is ☐ _____ and ☐ _____

g) From S to R is ☐ _____ and ☐ _____

h) From P to S is ☐ _____ and ☐ _____

2





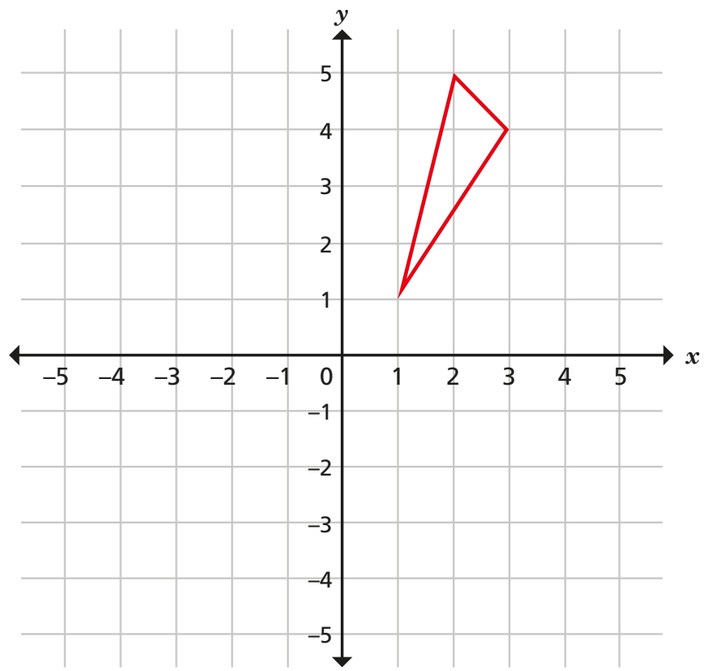
Do you agree with Rosie? _____

Explain your answer.

_____

_____

3 Translate the triangle 6 left.

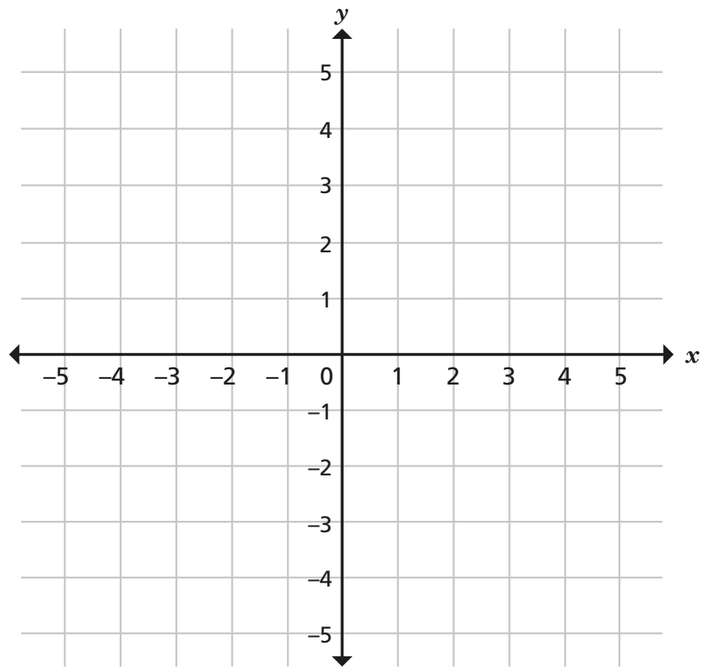


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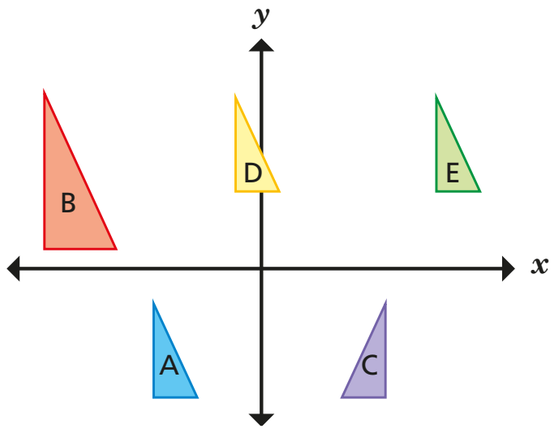
4 These coordinates form a quadrilateral: (–5, 5), (–5, 1), (–1, 4), (–1, 2)

It is translated 3 right and 4 down.

Draw the quadrilateral on the grid in its **new** position.



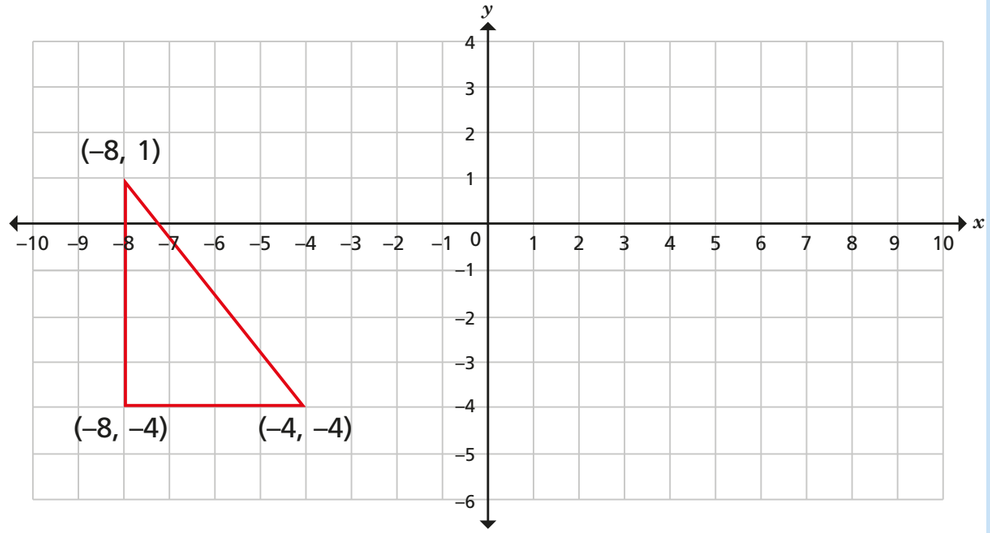
5



Which triangles are translations of each other?

Explain why the others are not translations.

6 A triangle is drawn on the coordinate grid.

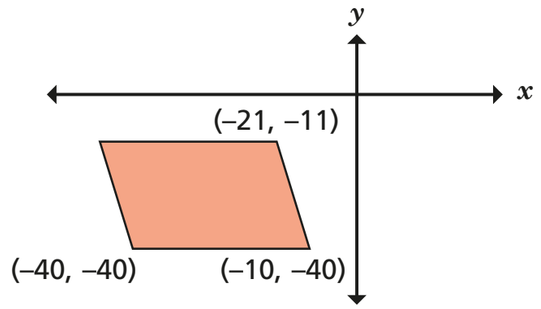


a) Translate the triangle 9 right and 1 down.

b) Tick the correct box for each coordinate.

Point	Inside the new triangle	Outside the new triangle	On the perimeter of the new triangle
(0, 0)			
(4, –5)			
(2, –1)			
(–6, –3)			
(3, –4)			

7



This parallelogram has been translated 50 left and 25 down.

What were the coordinates of **all four** vertices before it was translated?

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