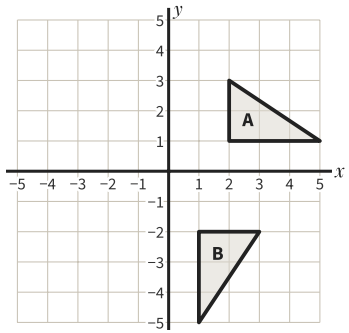
Describing rotations

1

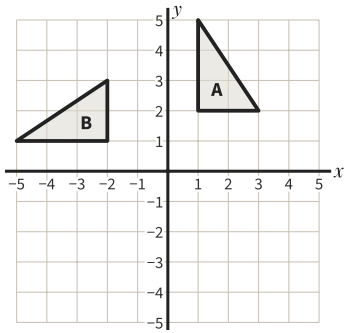
Describe fully the single transformation that maps A onto B.



Rotation **90° clockwise**

2

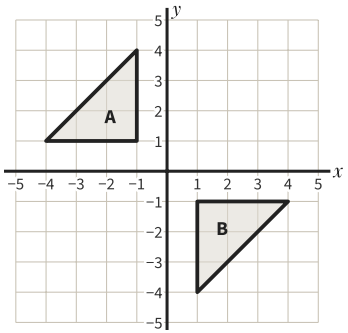
Describe fully the single transformation that maps A onto B.



Rotation

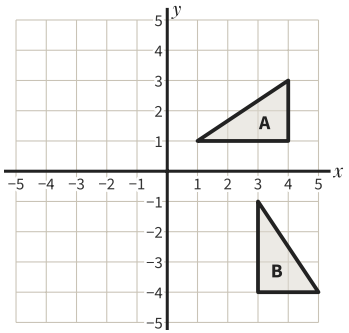
3

Describe fully the single transformation that maps A onto B.



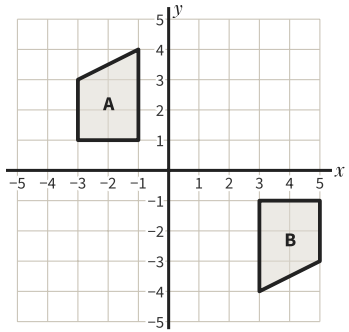
4

Describe fully the single transformation that maps A onto B.



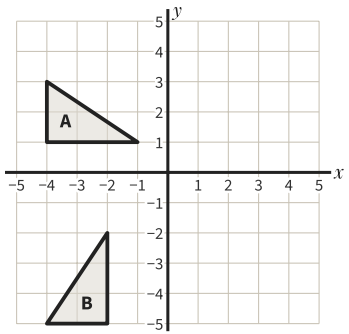
5

Describe fully the single transformation that maps A onto B.



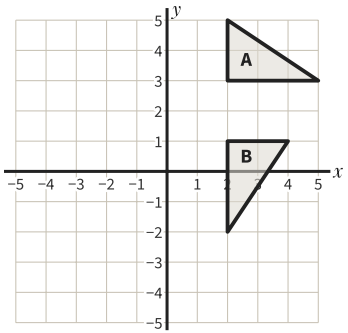
6

Describe fully the single transformation that maps A onto B.



7

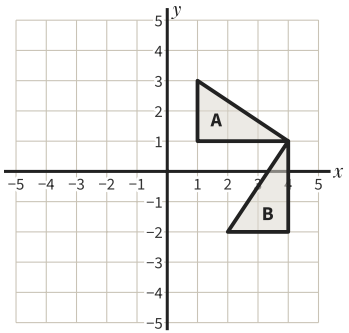
Zara writes "Rotation, 90° clockwise". What is missing? Write it in full.



left out:

8 *Notice the change!*

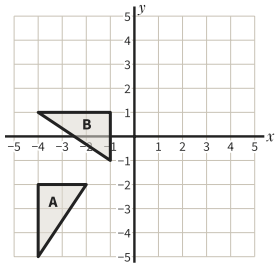
Describe fully the single transformation that maps A onto B. The centre is on a corner.



Describing rotations *further practice*

9

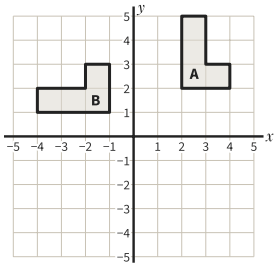
Describe fully the single transformation that maps A onto B.



Answer _____

10

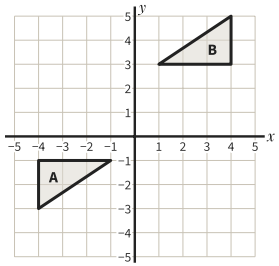
Describe fully the single transformation that maps A onto B.



Answer _____

11

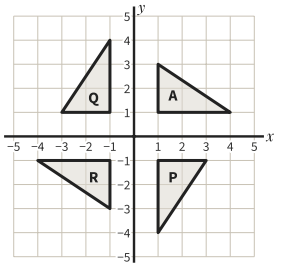
An app's logo turns from position A to position B. Describe fully the single transformation.



Answer _____

12

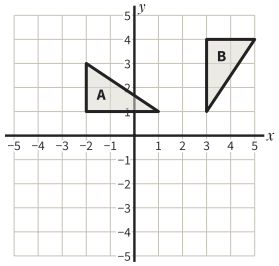
Which shape is the image of A after a rotation 90° anticlockwise about (0, 0)?



Answer _____

13

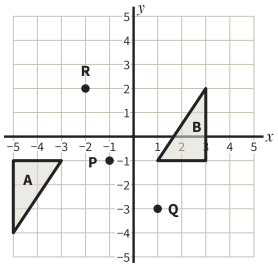
Ravi describes this as "Rotation 90° anticlockwise about (2, 0)".
Explain his mistake.



Answer _____

14

A half turn maps A onto B.
Which point, P, Q or R, is the centre?



Answer _____

15

Shape A is rotated 90° clockwise about (0, 0), then the image is rotated 90° clockwise about (0, 0) again.
Describe fully the single transformation that does the same.

Answer _____

16

A rotation 90° clockwise about (3, 1) maps shape P onto shape Q.
Describe fully the single transformation that maps Q onto P.

Answer _____