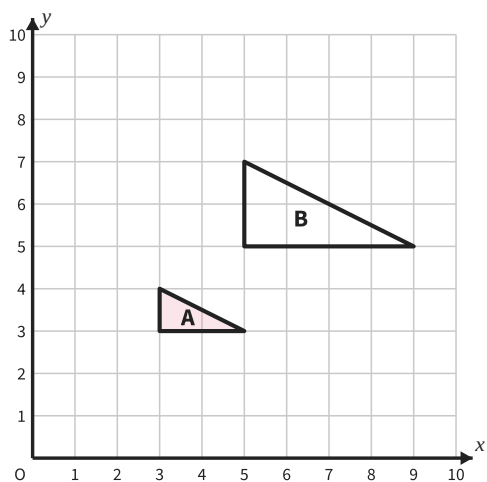


Describing Enlargements



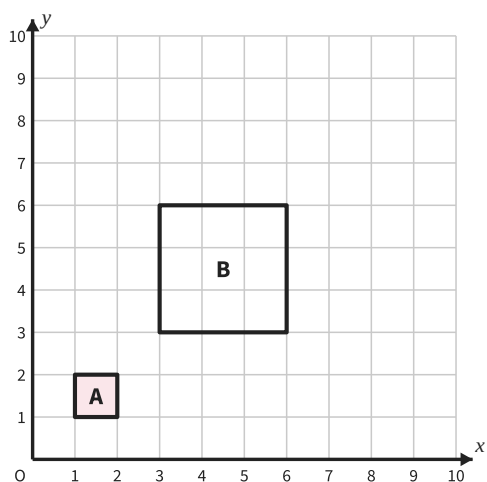
1

Describe fully the single transformation that maps A onto B.

Transformation

Scale factor

Centre of enlargement



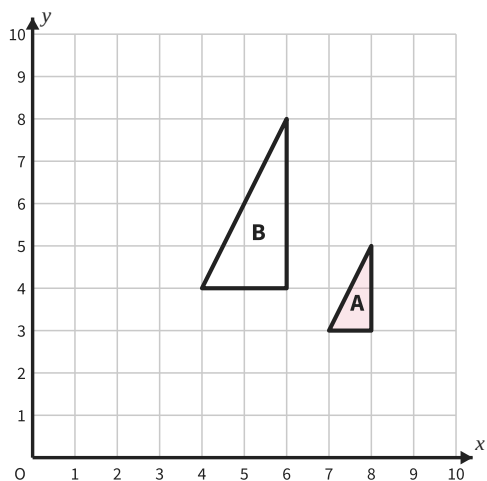
2

Describe fully the single transformation that maps A onto B.

Transformation

Scale factor

Centre of enlargement



3

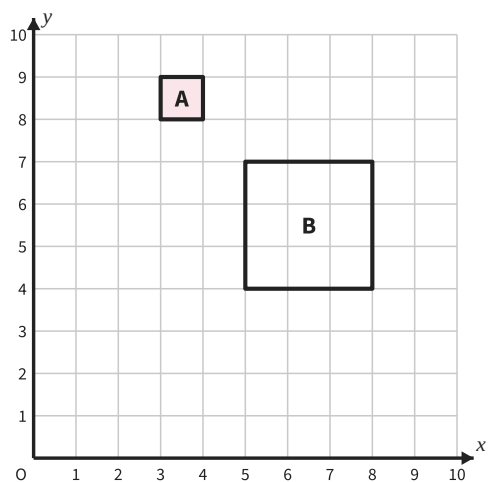
Describe fully the single transformation that maps A onto B.

Transformation

Scale factor

Centre of enlargement

Describing Enlargements



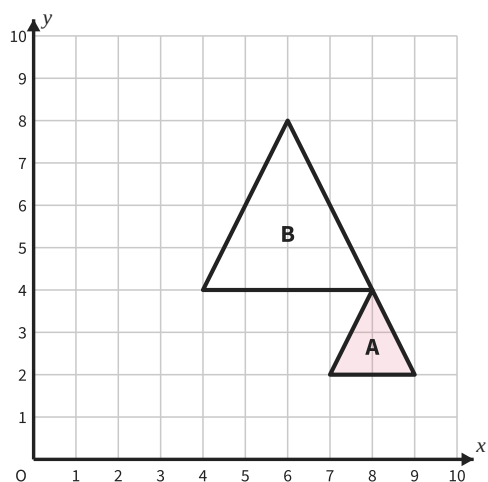
4

Describe fully the single transformation that maps A onto B.

Transformation

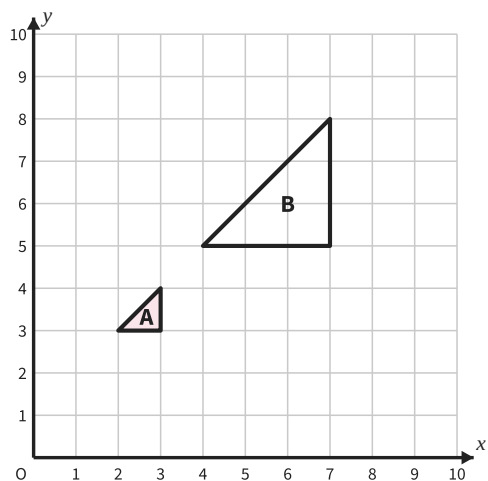
Scale factor

Centre of enlargement



5

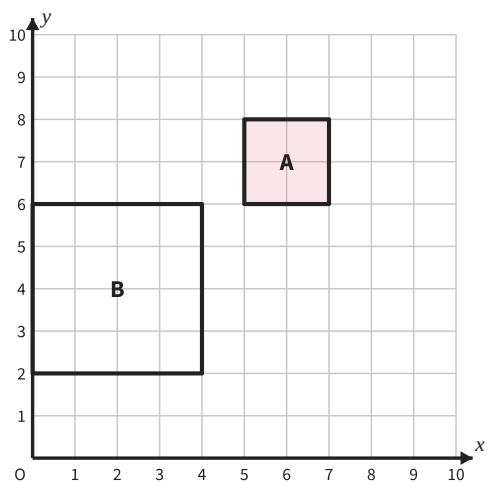
Describe fully the single transformation that maps A onto B.



6

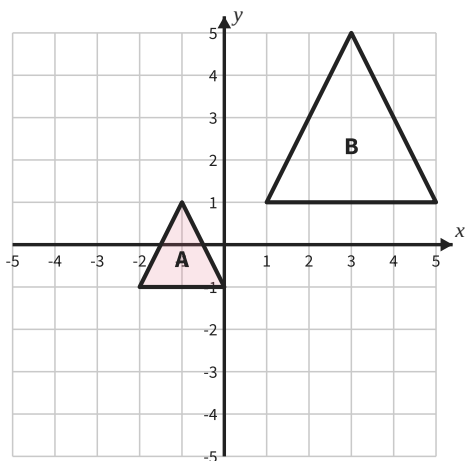
Describe fully the single transformation that maps A onto B.

Describing Enlargements



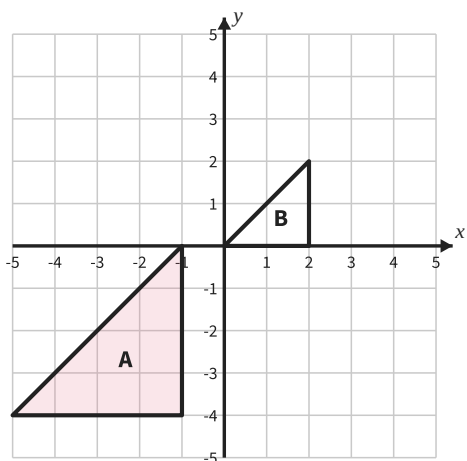
7

Describe fully the single transformation that maps A onto B.



8

Describe fully the single transformation that maps A onto B.

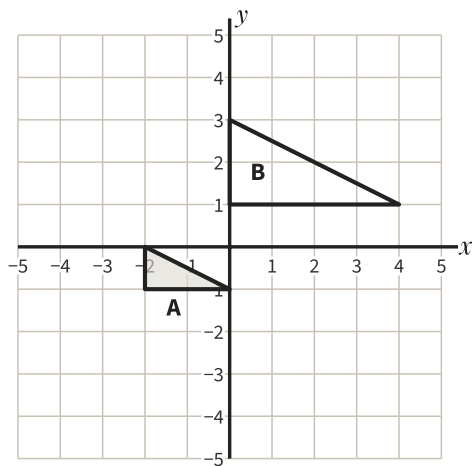


9

Describe fully the single transformation that maps A onto B.

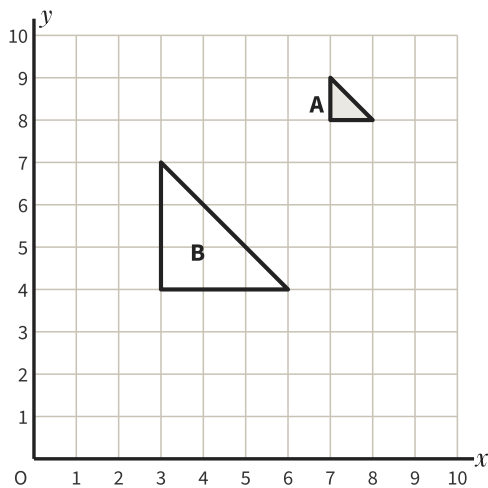


8



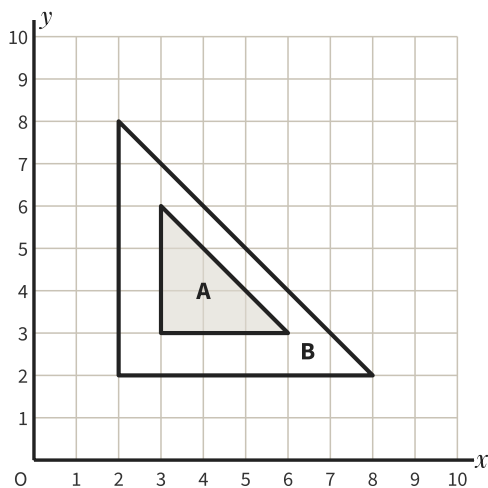
Describe fully the single transformation that maps A onto B.

9



Describe fully the single transformation that maps B onto A.

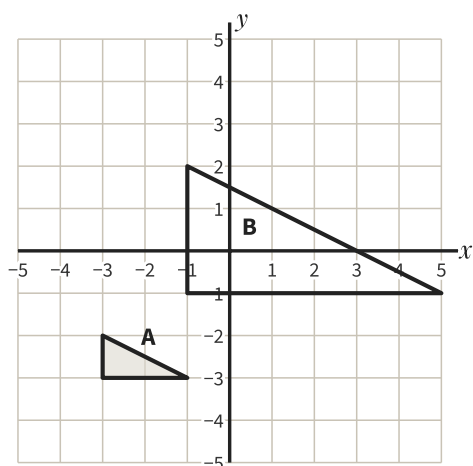
10



Describe fully the single transformation that maps A onto B.



11



The lamp of a projector is at the centre of enlargement.

It projects picture A to make picture B.

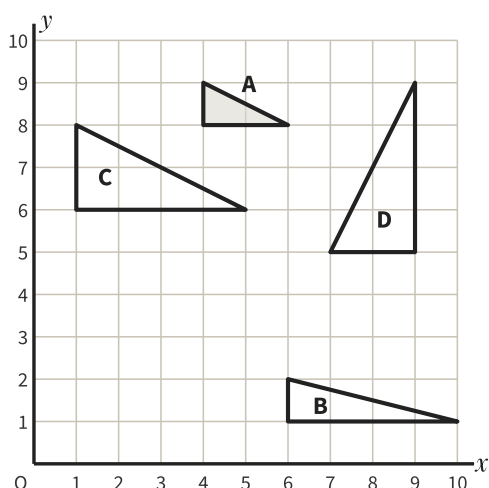
(a) Give the coordinates of the lamp.

(b) What is the scale factor?

(a) _____

(b) _____

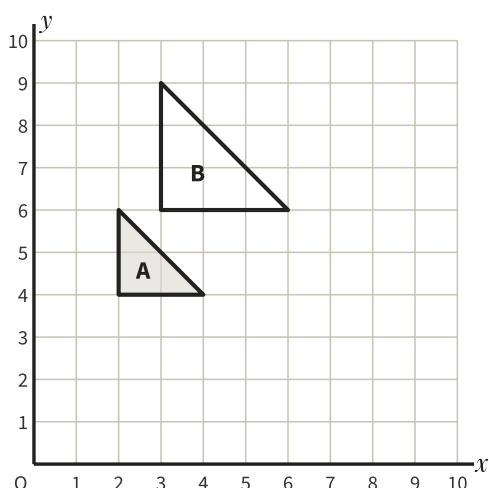
12



Only one of the shapes B, C and D is an enlargement of A. Which one?
Describe fully the enlargement.

Shape _____

13

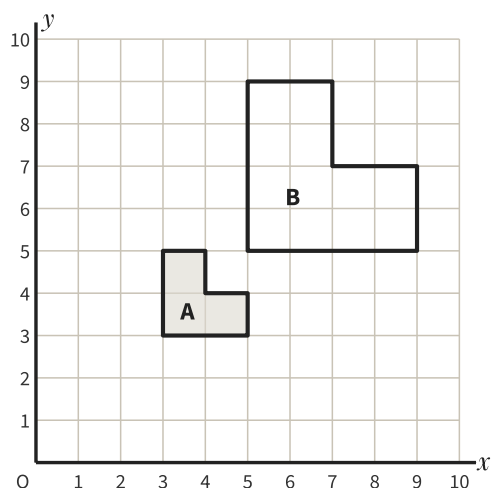


On a phone screen, the icon A is zoomed in to make B.

Describe fully the single transformation that maps A onto B.



14



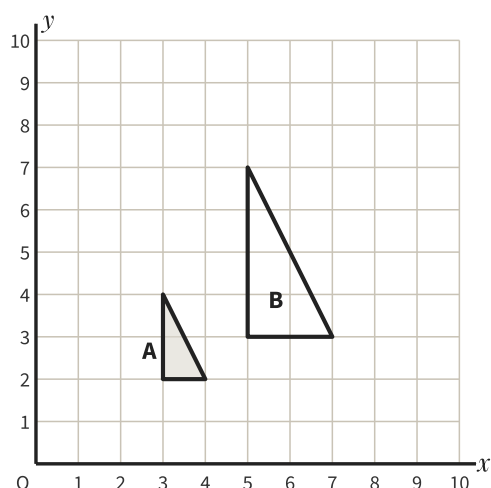
A garden plan shows patio A and a bigger patio B.

(a) Describe fully the single transformation that maps A onto B.

(b) The area of B is how many times the area of A?

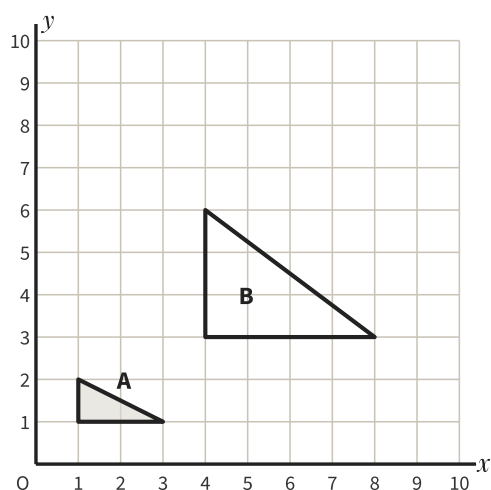
(b)

15



Ben says this is an enlargement, scale factor 2, centre $(0, 0)$.
What is wrong? Write the correct description.

16



Is B an enlargement of A? Explain how you know.
