

Examples



Click here



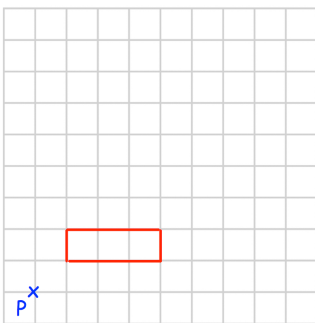
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Workout

\*There are templates for questions 1, 2 and 3 at the end of this exercise

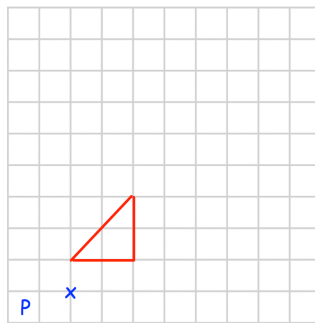
Question 1: Enlarge each shape by the scale factor given  
Use P as the centre of enlargement.

(a)



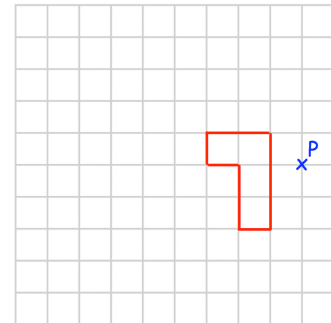
Enlarge by scale factor 2

(b)



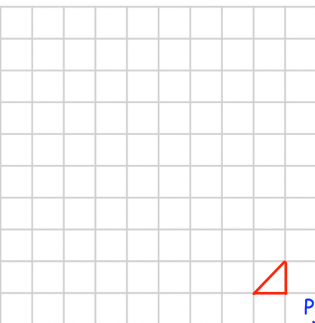
Enlarge by scale factor 3

(c)



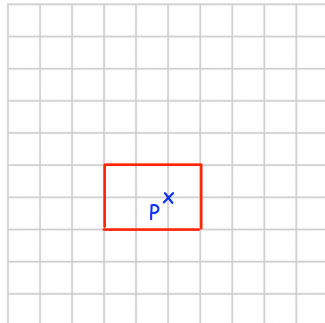
Enlarge by scale factor 2

(d)



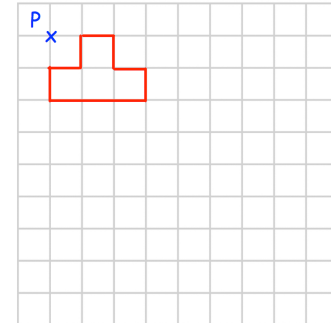
Enlarge by scale factor 4

(e)



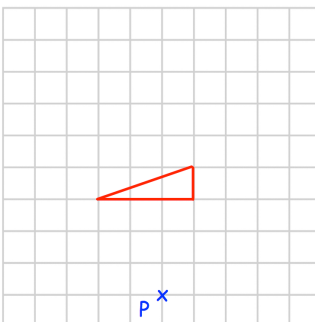
Enlarge by scale factor 2

(f)



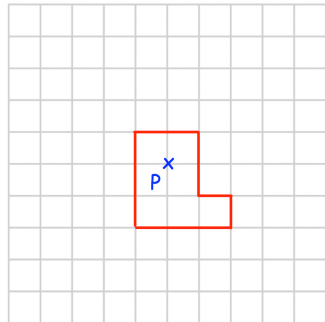
Enlarge by scale factor 3

(g)



Enlarge by scale factor 2

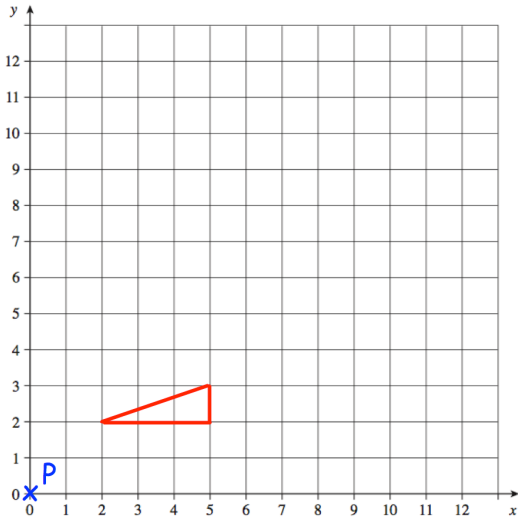
(h)



Enlarge by scale factor 2

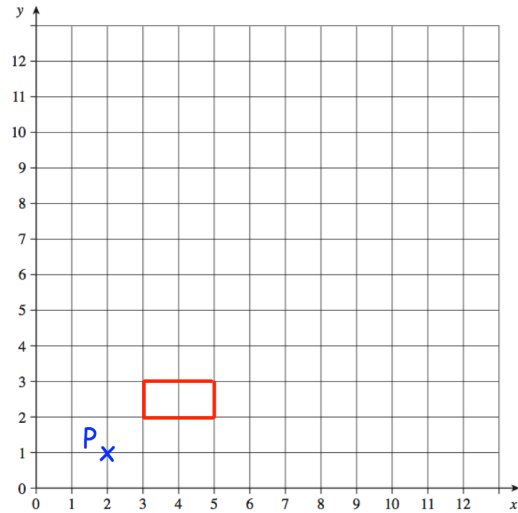
Question 2: Enlarge each shape by the scale factor given  
Use P as the centre of enlargement.

(a)



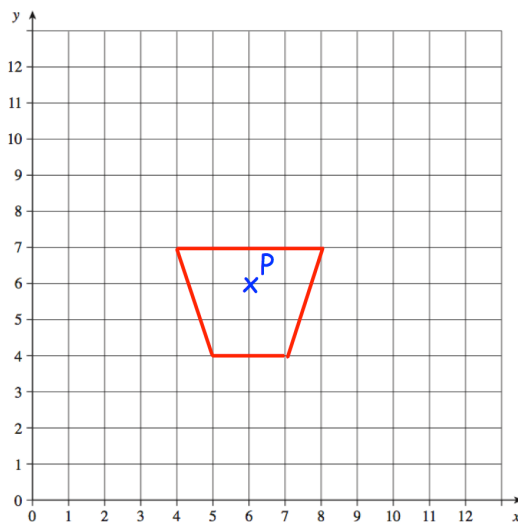
Enlarge by scale factor 2

(b)



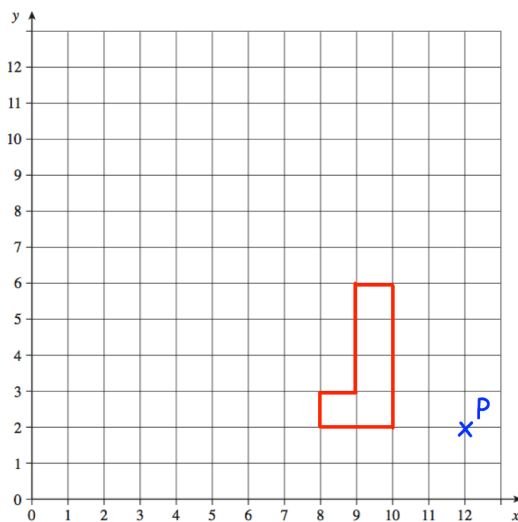
Enlarge by scale factor 3

(c)



Enlarge by scale factor 3

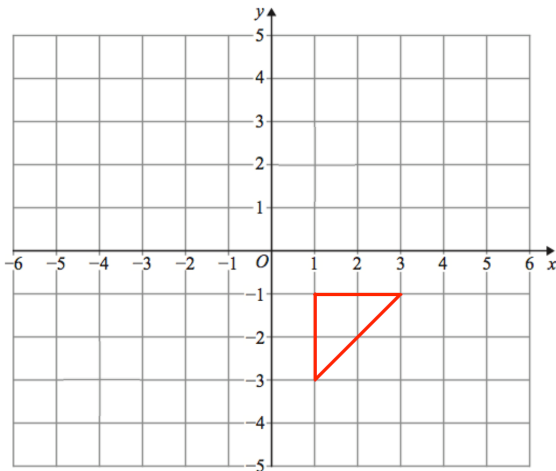
(d)



Enlarge by scale factor 2

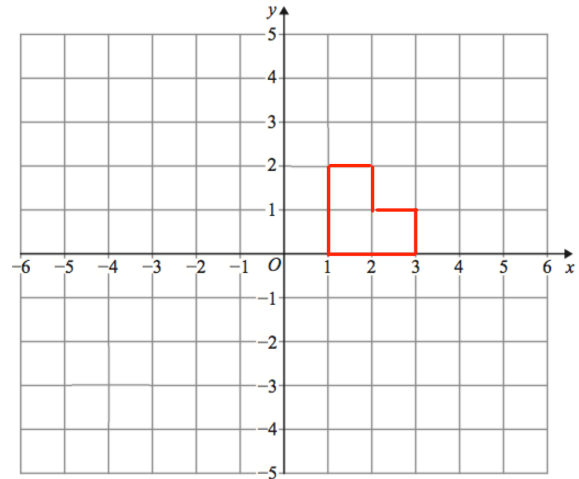
Question 3: Enlarge each shape by the scale factor given  
The coordinates for each centre of enlargement are given.

(a)



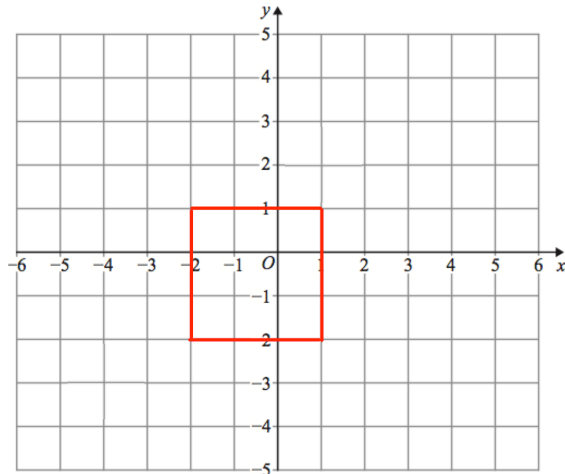
Enlarge by scale factor 2 using  
(4, -3) as the centre of enlargement

(b)



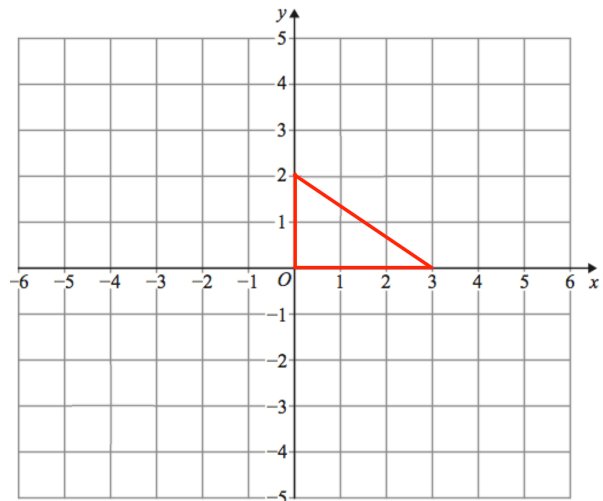
Enlarge by scale factor 3 using  
(3, 2) as the centre of enlargement

(c)



Enlarge by scale factor 2 using  
(0, -1) as the centre of enlargement

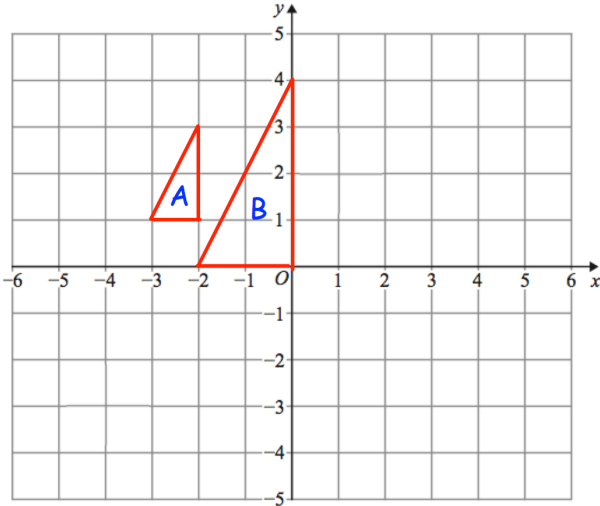
(d)



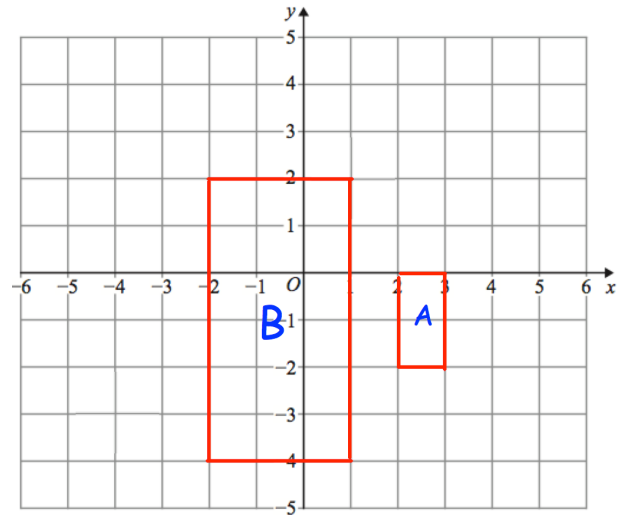
Enlarge by scale factor 2 using  
the origin as the centre of enlargement

Question 4: Describe fully the single transformation that takes shape A to shape B.

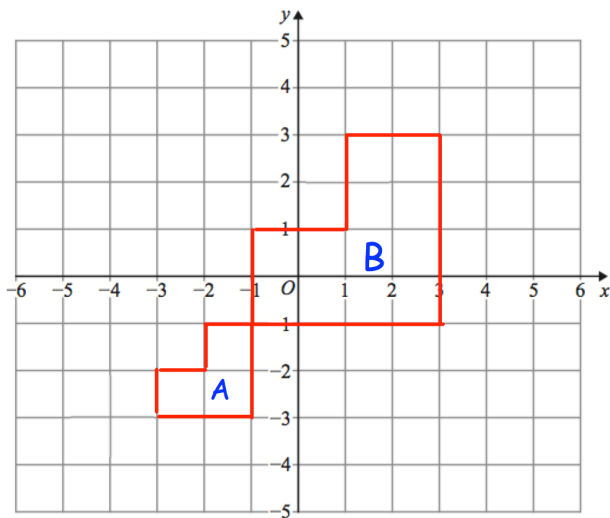
(a)



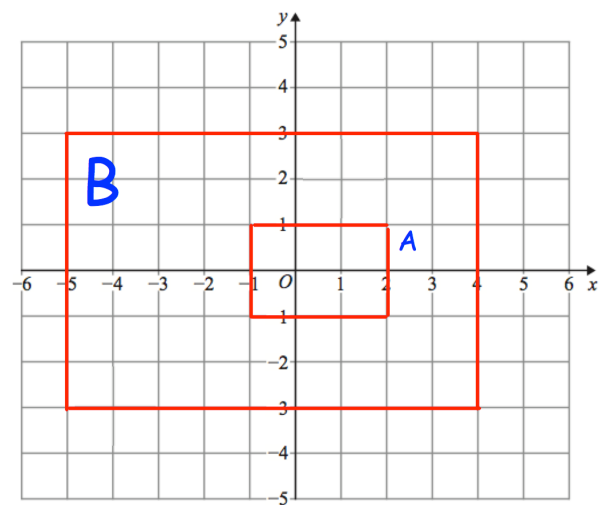
(b)



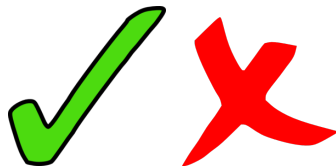
(c)



(d)



Answers



Click here

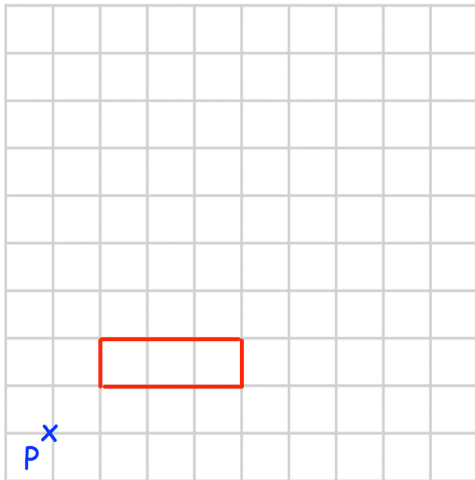


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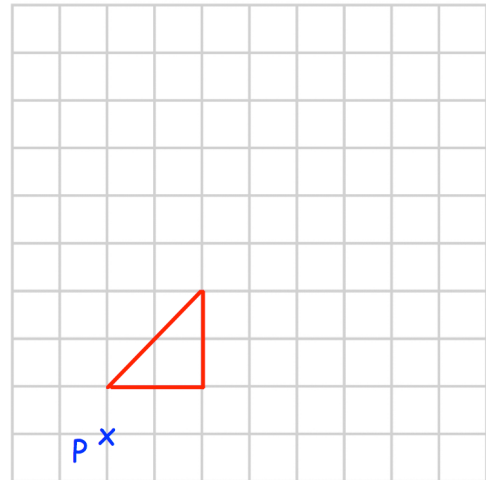
Templates

Question 1:

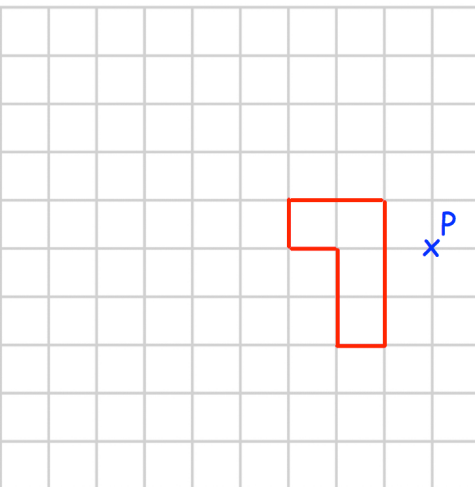
(a)



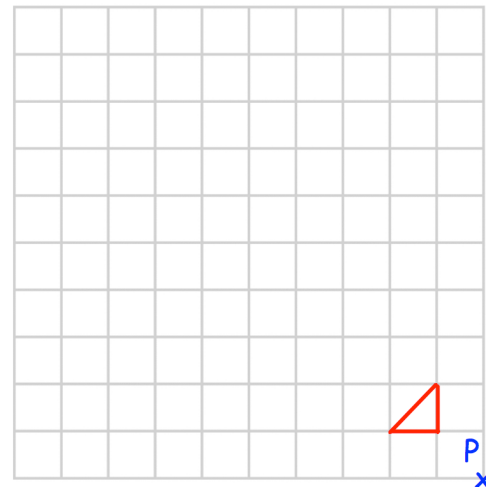
(b)



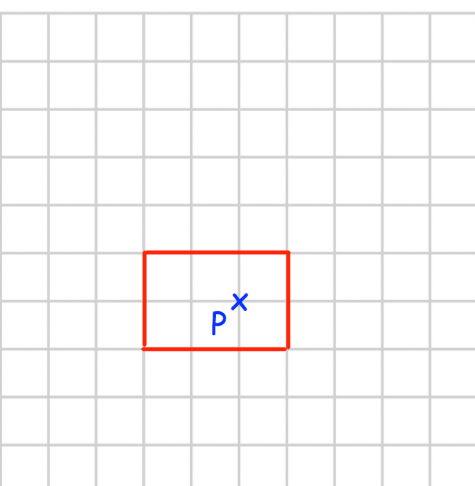
(c)



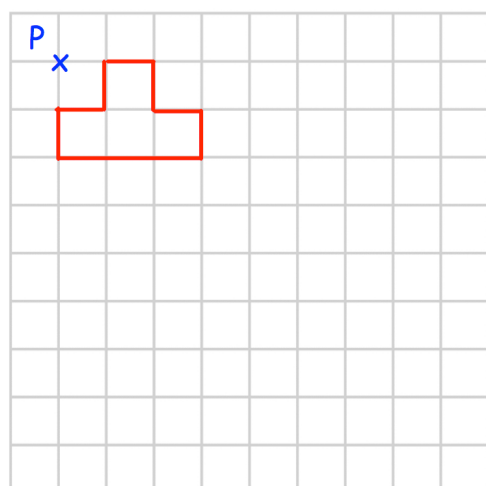
(d)



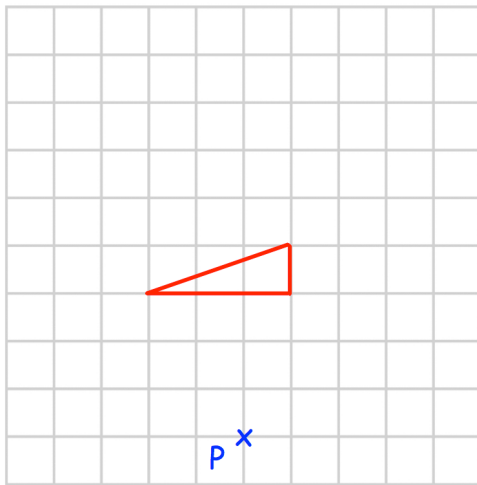
(e)



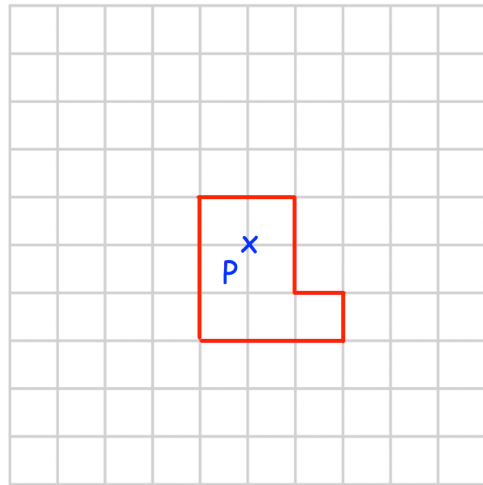
(f)



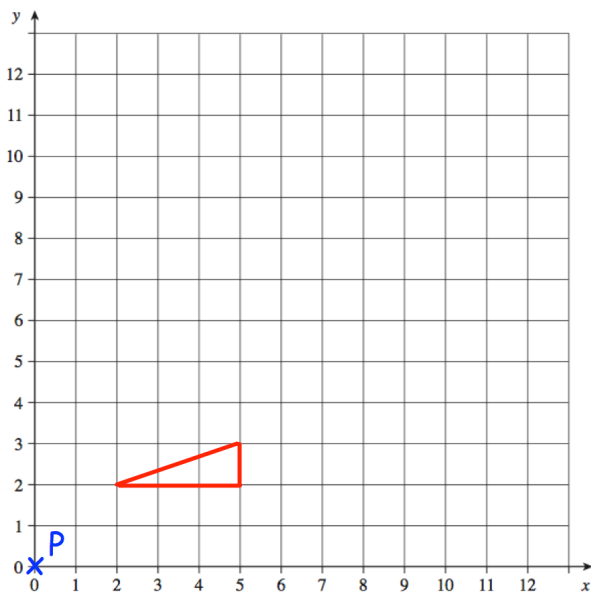
(g)



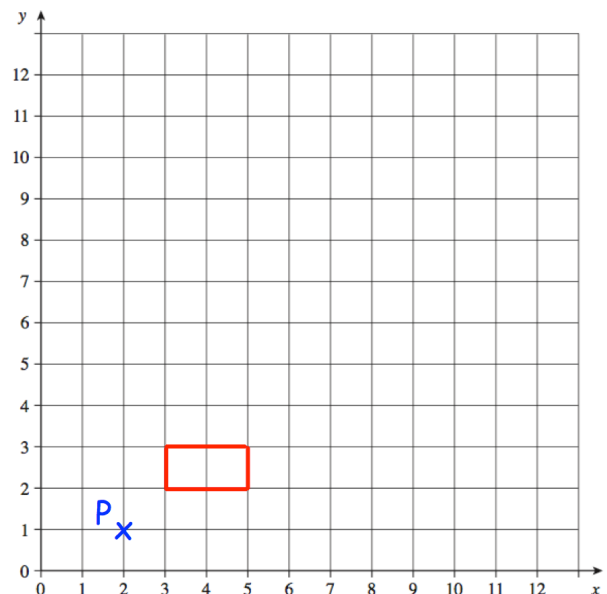
(h)



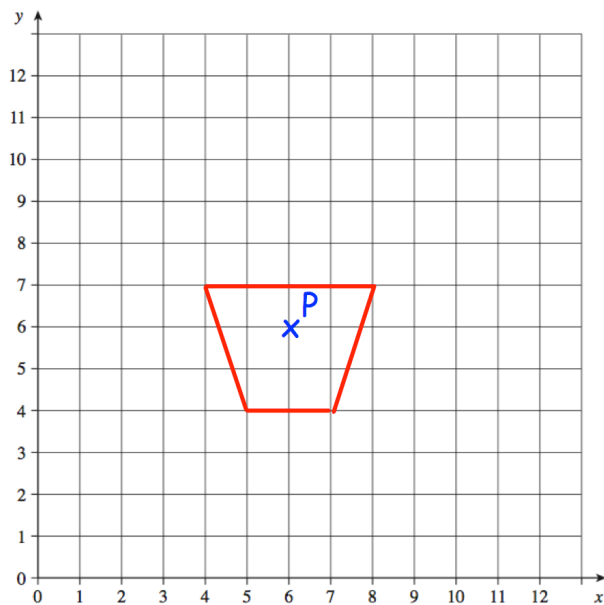
Question 2: (a)



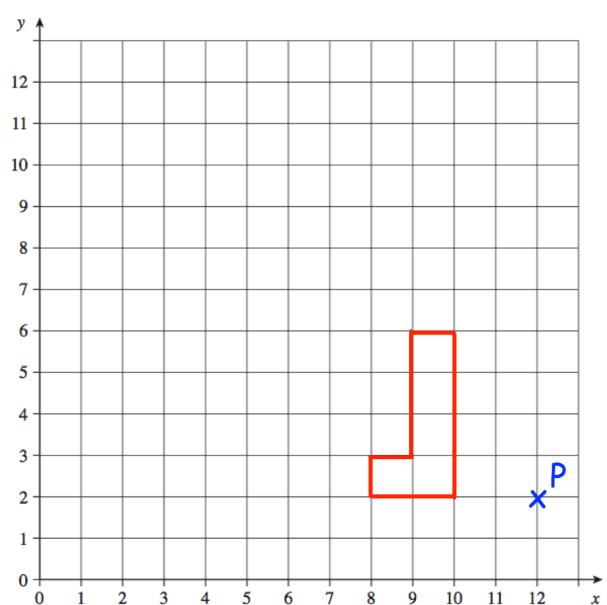
(b)



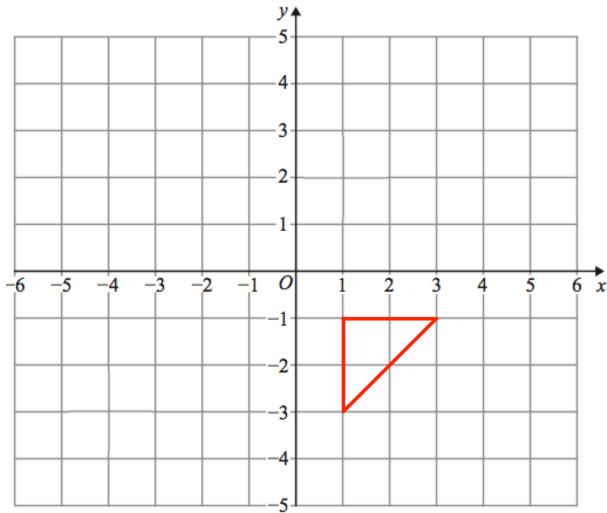
(c)



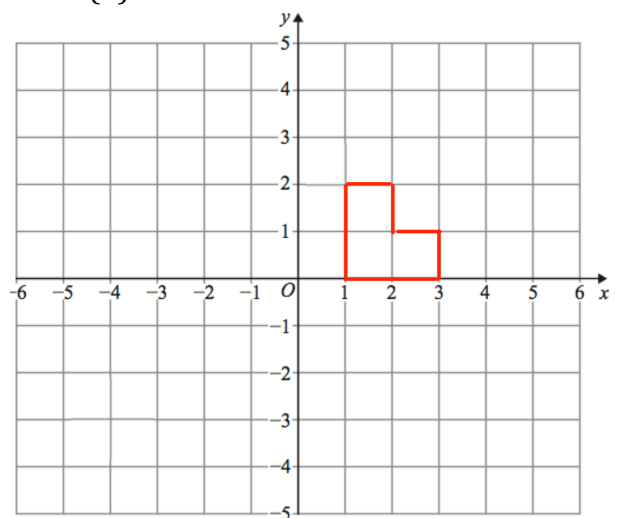
(d)



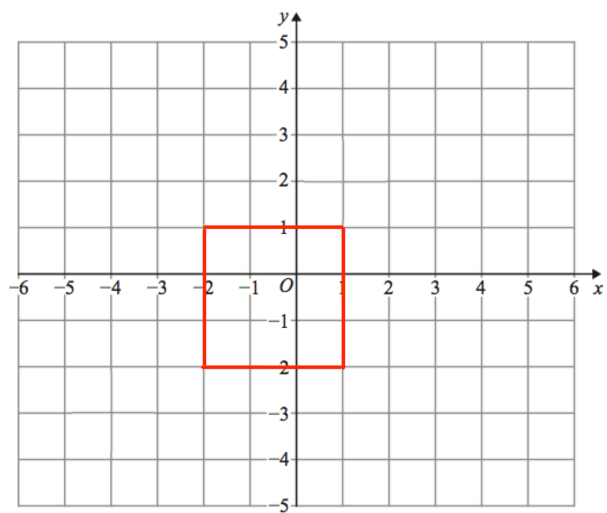
Question 3: (a)



(b)



(c)



(d)

