

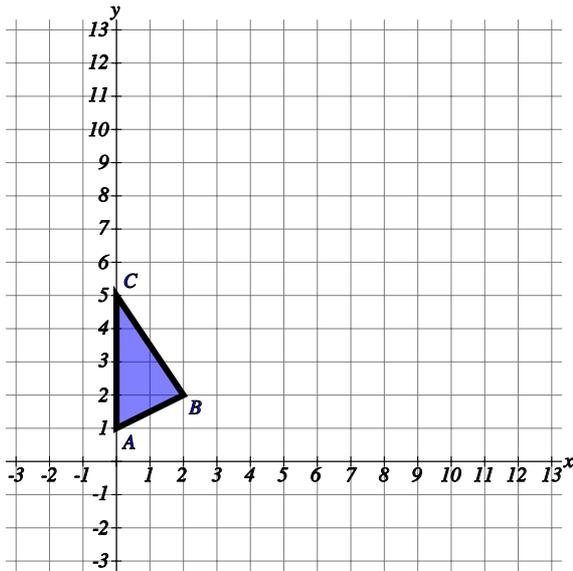
Transformations - Enlargement

Name:	Class:	Date:
-------	--------	-------

Mark	/ 8	%
------	-----	---

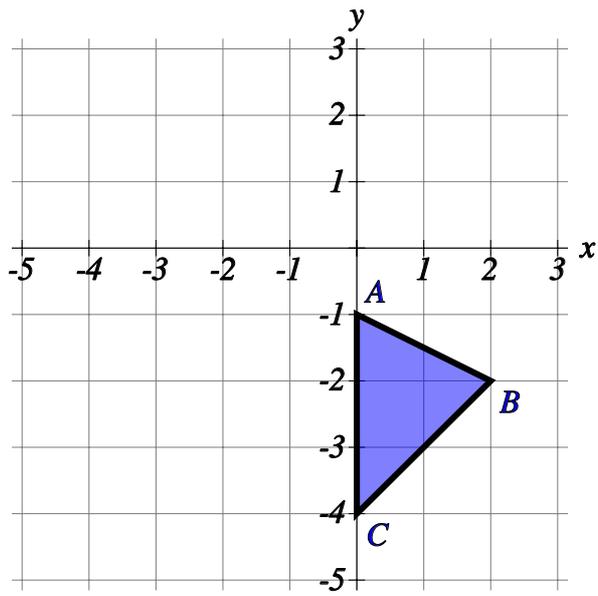
1) Enlarge the triangle ABC from centre $(-1, -2)$ by scale factor 2.
Give the coordinates of the image point A'

[1]



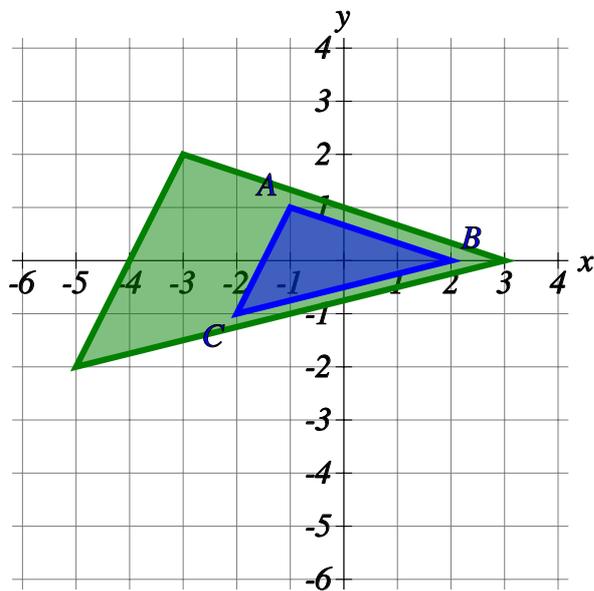
2) Enlarge the triangle ABC from centre (0,0) by scale factor 0.5.
Give the coordinates of the image point A'

[1]



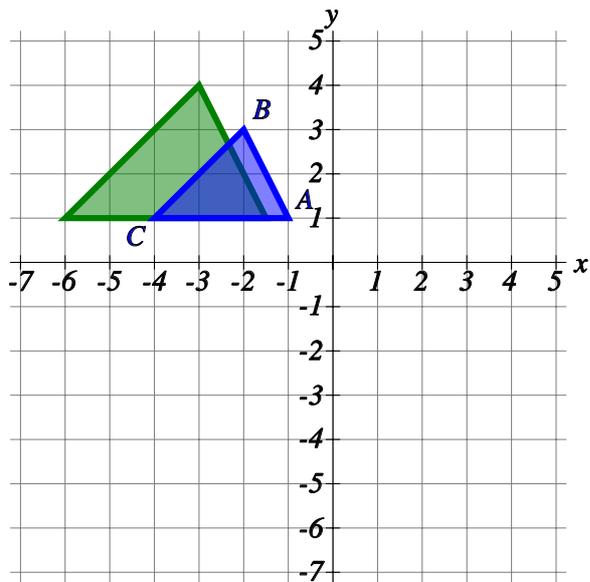
3) Fully describe the single transformation from the triangle ABC to its image

[1]

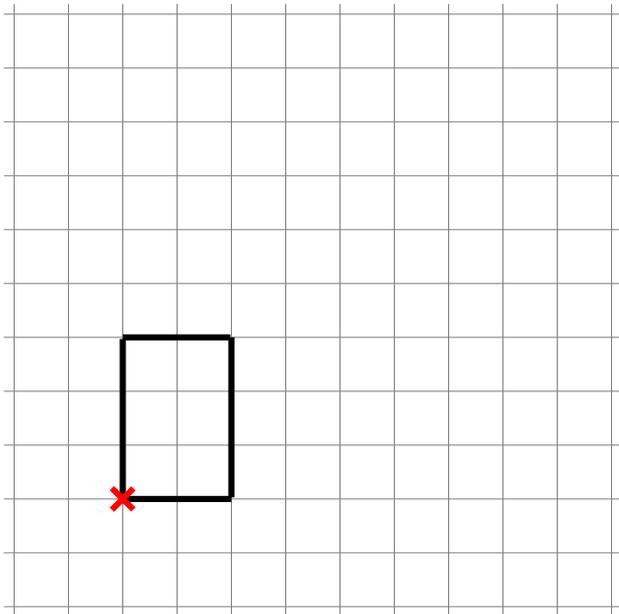


4) Fully describe the single transformation from the triangle ABC to its image

[1]

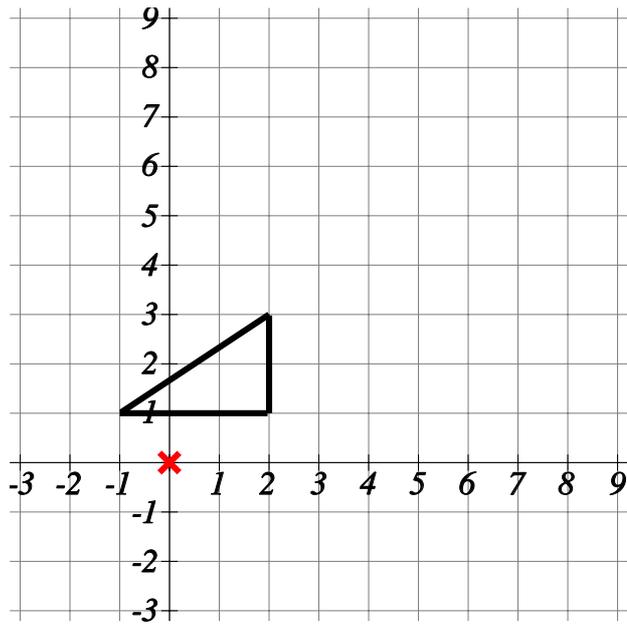


5) Enlarge the shape by scale factor 3 about the centre marked with a cross.



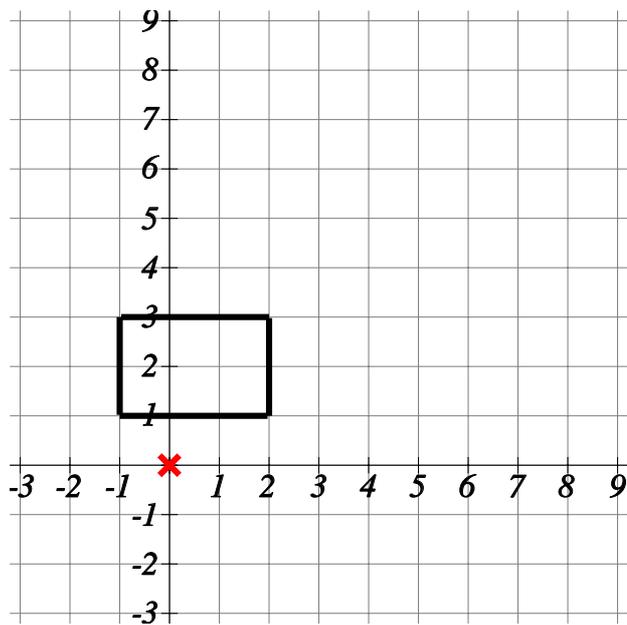
[1]

6) Enlarge the shape from centre (0,0) by scale factor 3.



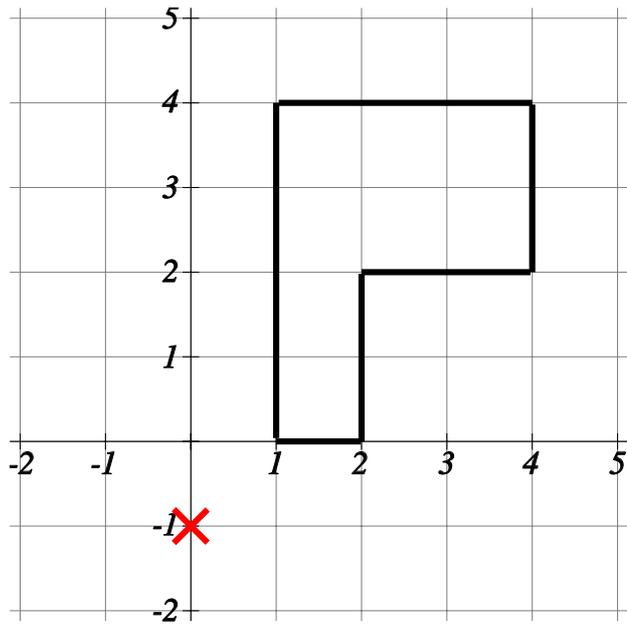
[1]

7) Enlarge the shape from centre (0,0) by scale factor 3.



[1]

8) Enlarge the shape from centre $(0,-1)$ by scale factor 0.5 .

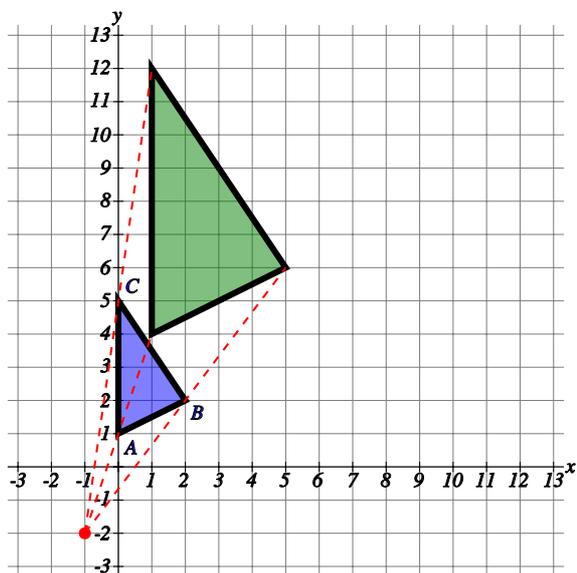


[1]

Solutions for the assessment Transformations - Enlargement

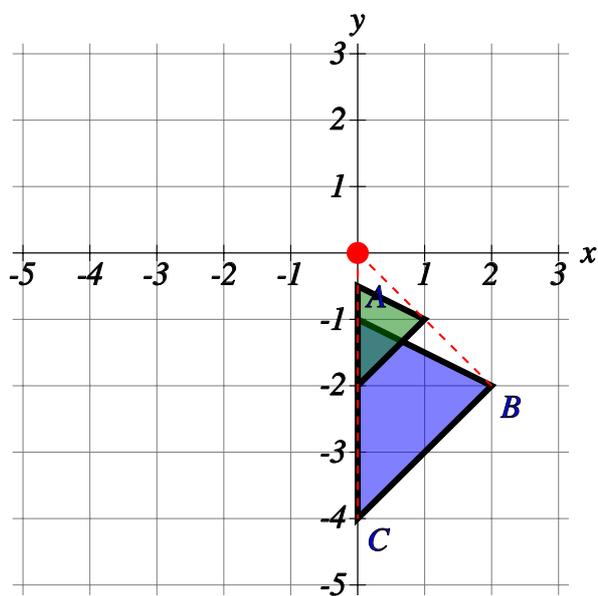
1)

Enlargement from centre $(-1,-2)$ by scale factor 2 gives image point $A' = (1,4)$

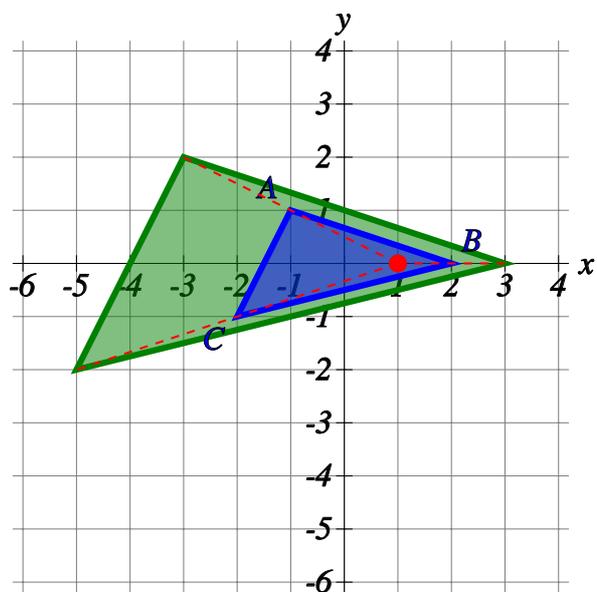


2)

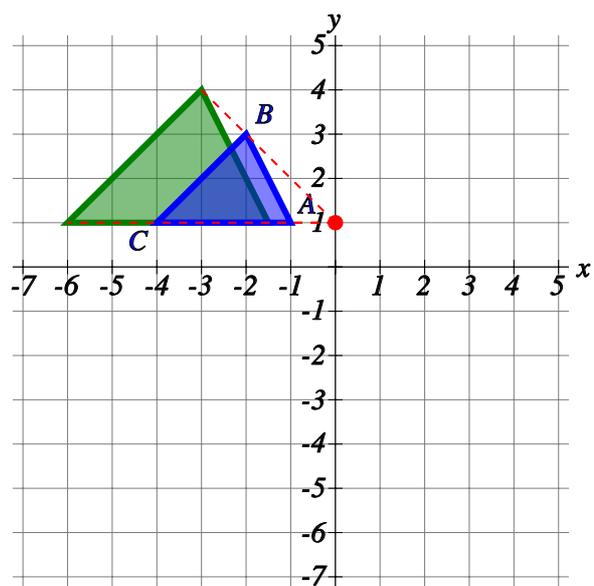
Enlargement from centre $(0,0)$ by scale factor 0.5 gives image point $A' = (0,-0.5)$



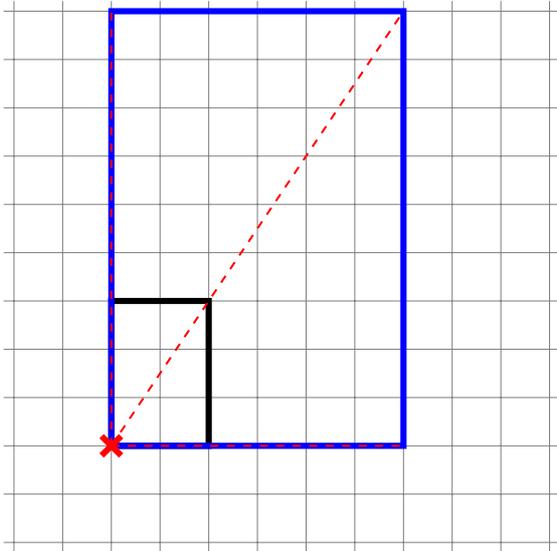
3) enlargement scale factor 2 centre (1,0)



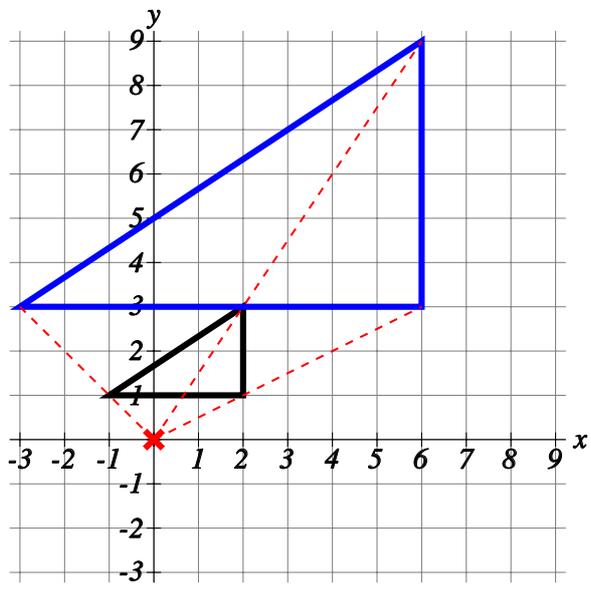
4) enlargement scale factor 1.5 centre (0,1)



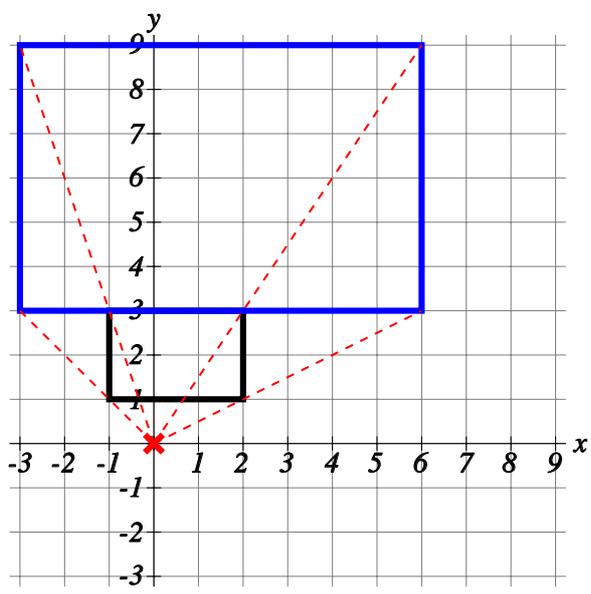
5)



6)



7)



8)

