

Transformations - Enlargement

Name:

Class: 11

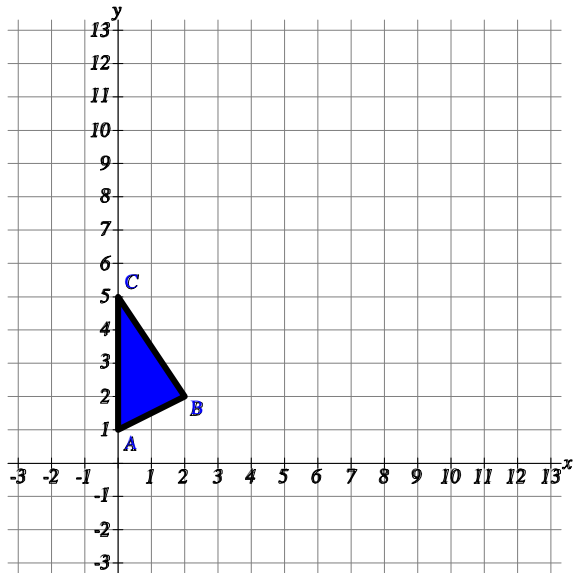
Date: 03/02/2018

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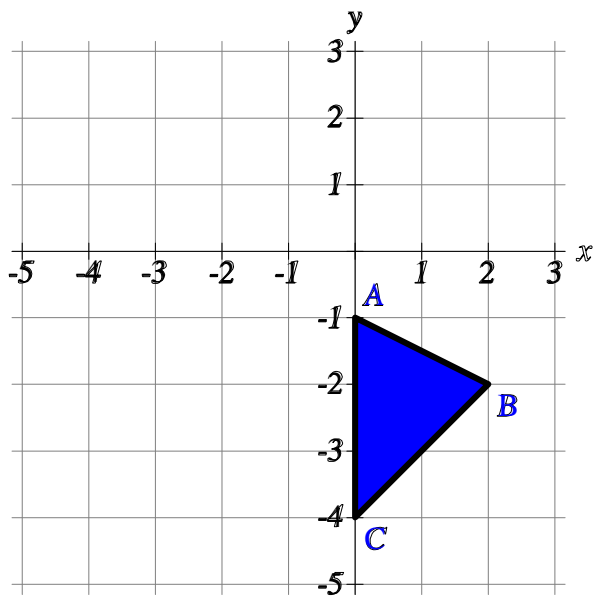
1) Enlarge the triangle ABC from centre $(-1, -2)$ by scale factor 2.
Give the coordinates of the image point A'

[1]



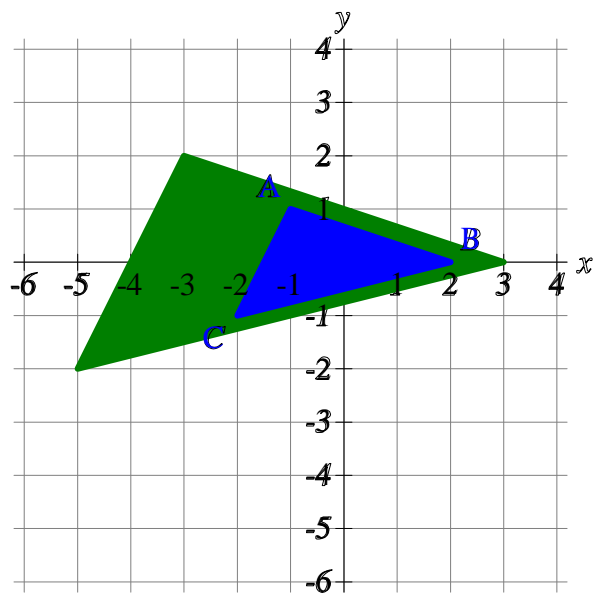
2) Enlarge the triangle ABC from centre (0,0) by scale factor 0.5.
Give the coordinates of the image point A'

[1]



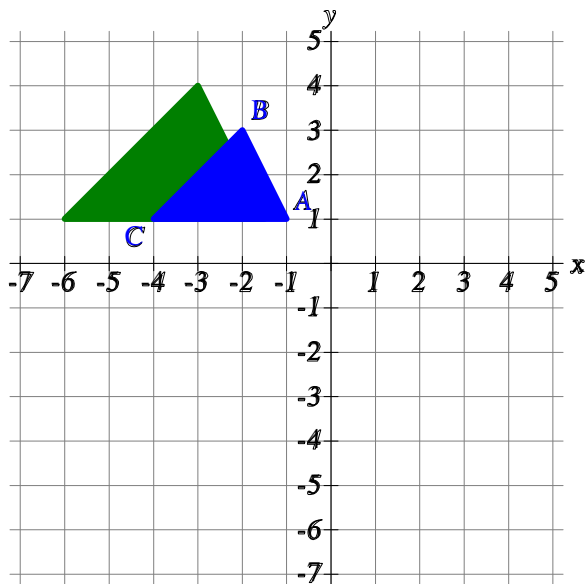
3) Fully describe the single transformation from the triangle ABC to its image

[1]

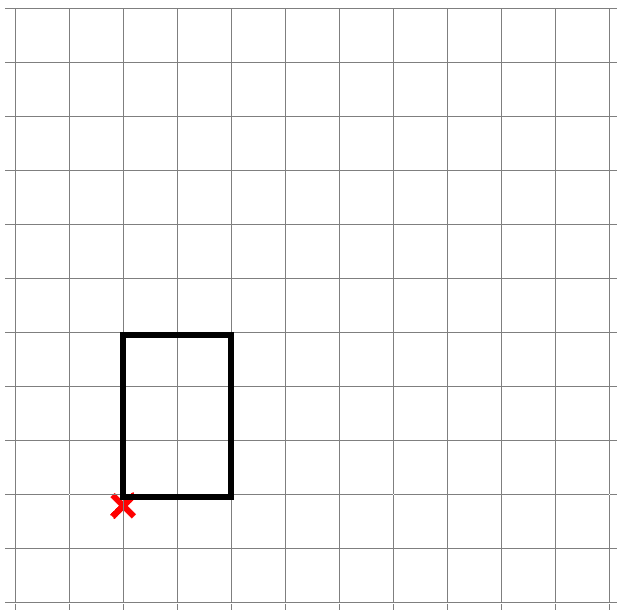


4) Fully describe the single transformation from the triangle ABC to its image

[1]

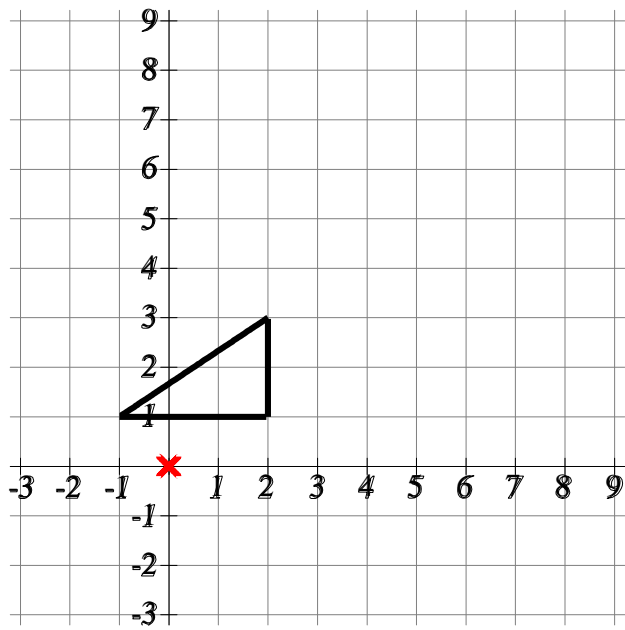


5) Enlarge the shape by scale factor 3 about the centre marked with a cross.



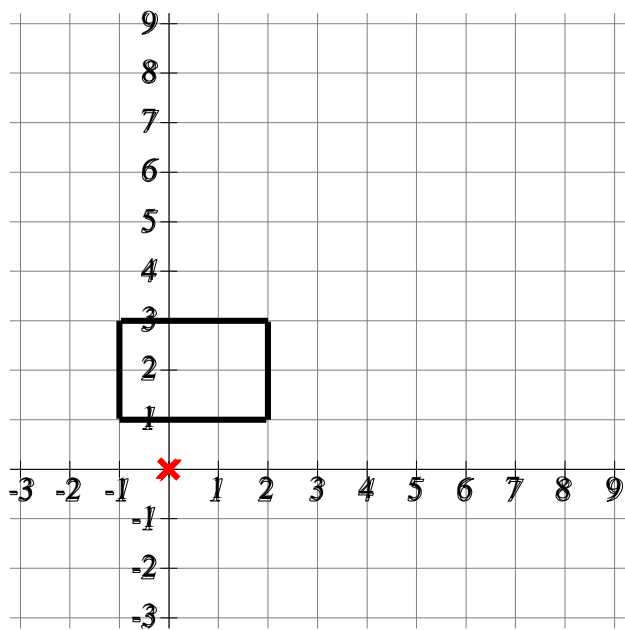
[1]

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



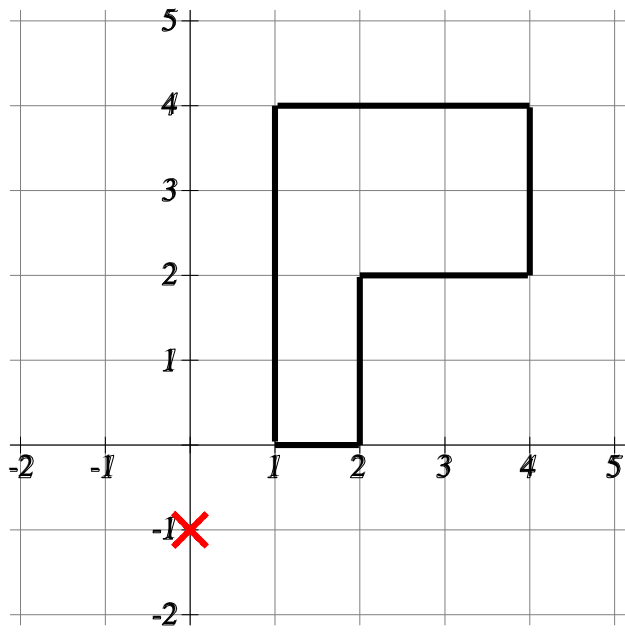
[1]

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]