

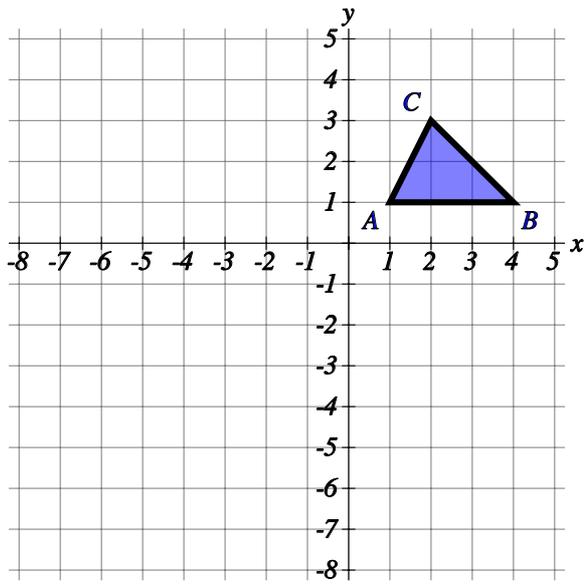
Transformations - Advanced Enlargement

Name:	Class:	Date:
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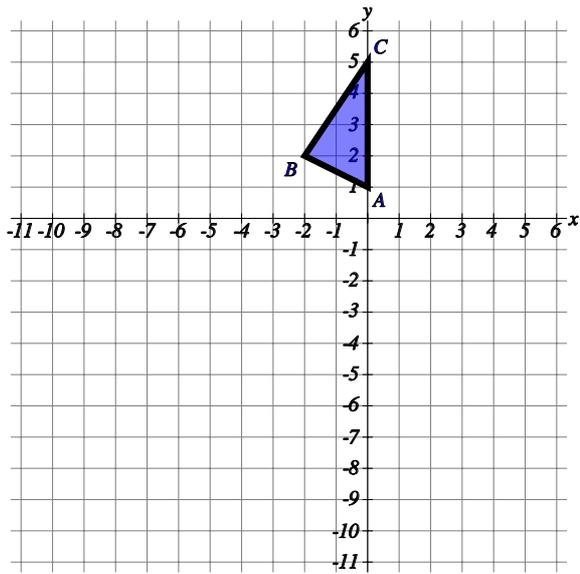
1) Enlarge the triangle ABC from centre $(0,-2)$ by scale factor -1 .
Give the coordinates of the image point C'

[1]



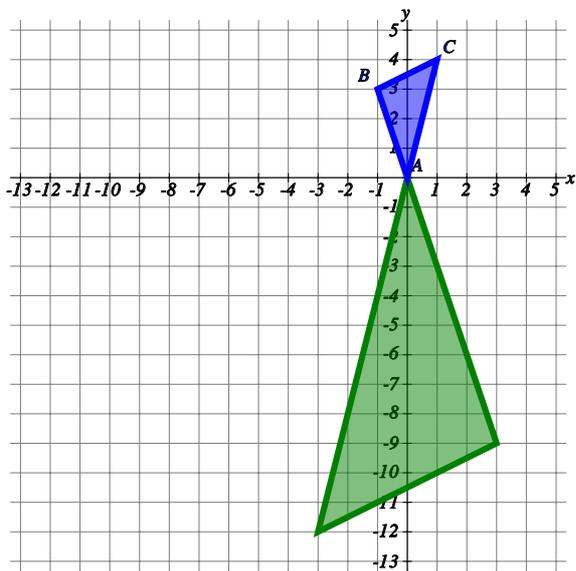
2) Enlarge the triangle ABC from centre $(-1,-1)$ by scale factor -1.5 .
Give the coordinates of the image point C'

[1]



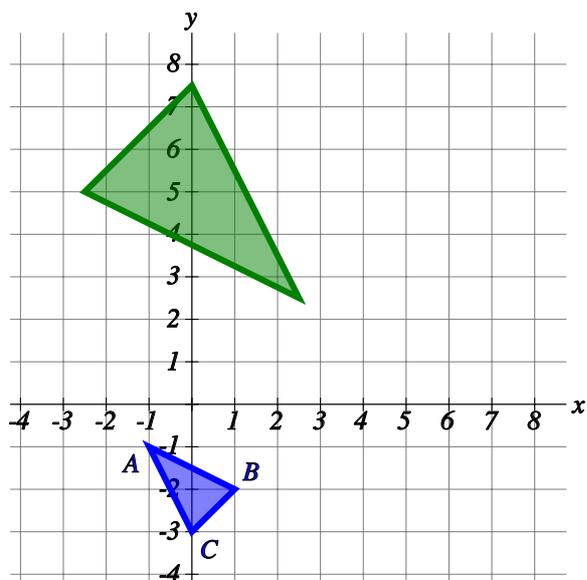
3) Fully describe the single transformation from the triangle ABC to its image

[1]

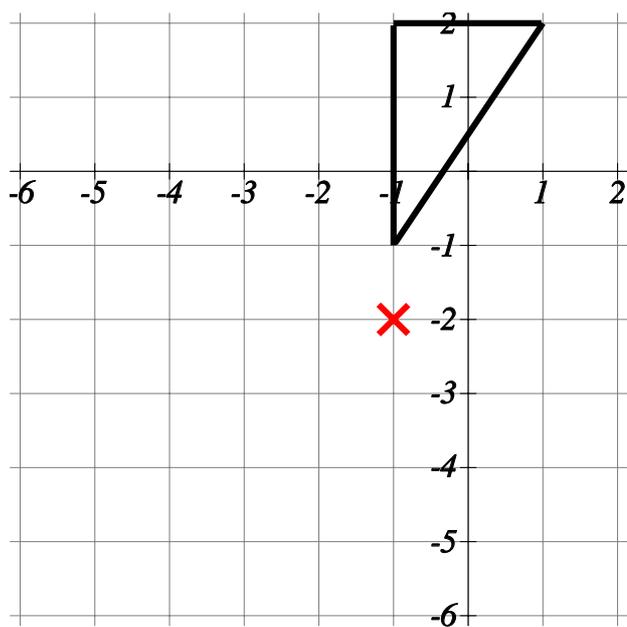


4) Fully describe the single transformation from the triangle ABC to its image

[1]

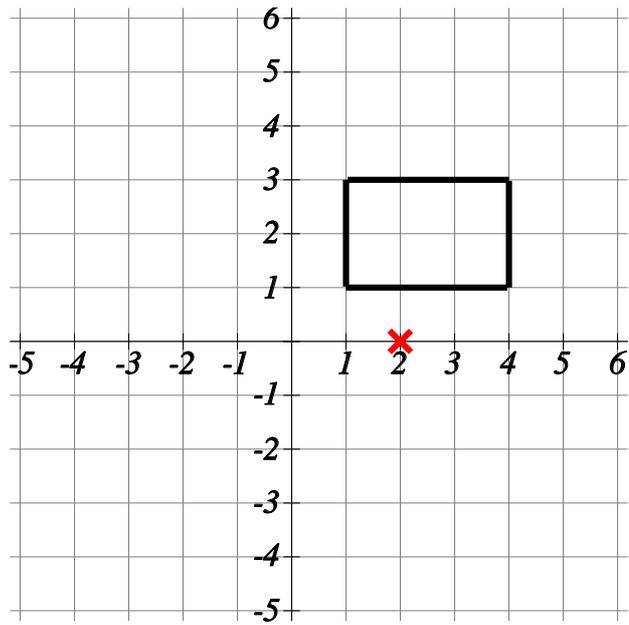


5) Enlarge the shape from centre (-1,-2) by scale factor -1.



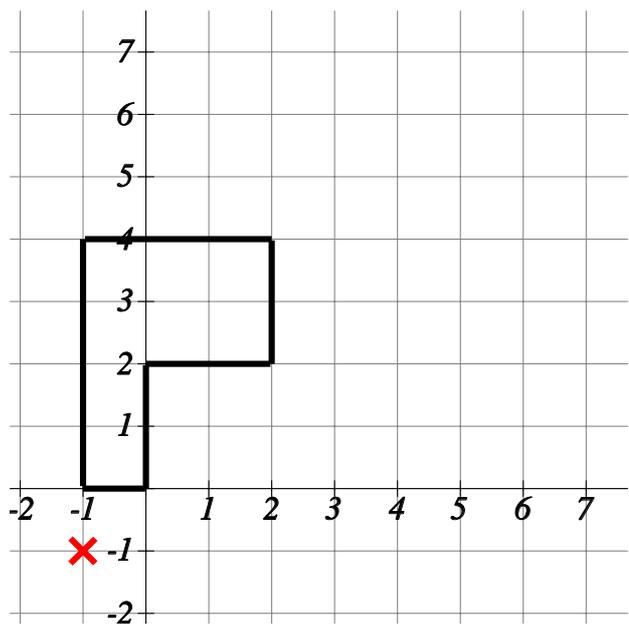
[1]

6) Enlarge the shape from centre $(2,0)$ by scale factor -1 .



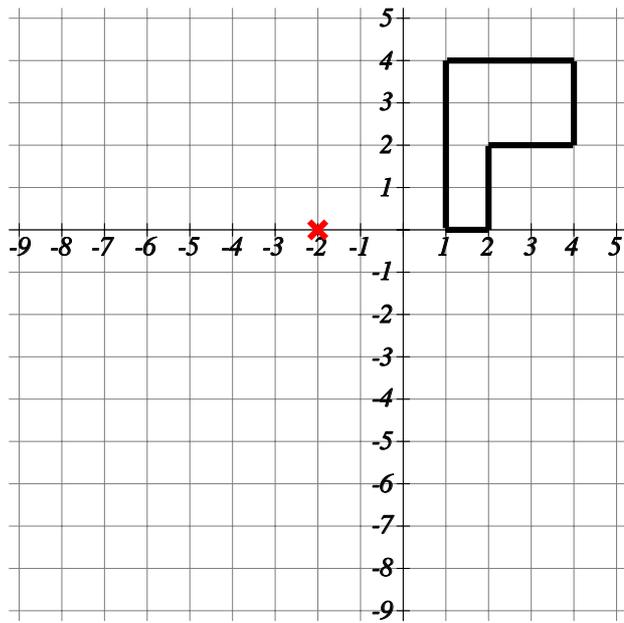
[1]

7) Enlarge the shape from centre $(-1,-1)$ by scale factor 1.5 .



[1]

8) Enlarge the shape from centre $(-2,0)$ by scale factor -1 .

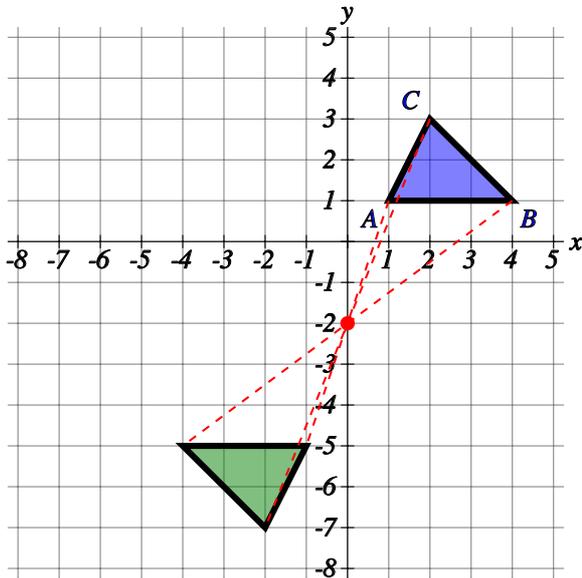


[1]

Solutions for the assessment Transformations - Advanced Enlargement

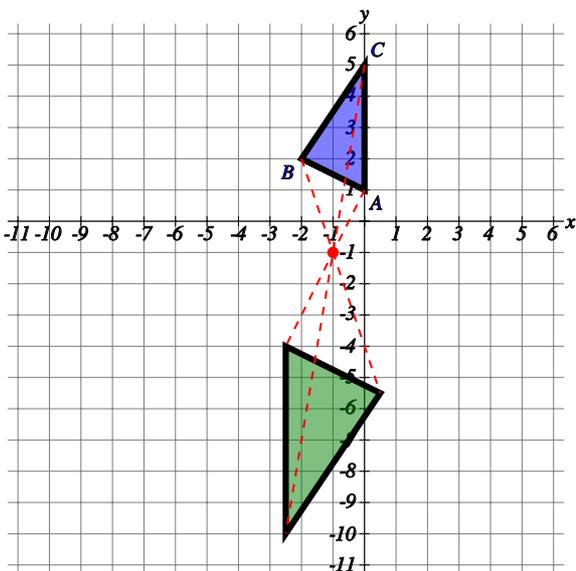
1)

Enlargement from centre $(0,-2)$ by scale factor -1 gives image point $C' = (-2,-7)$

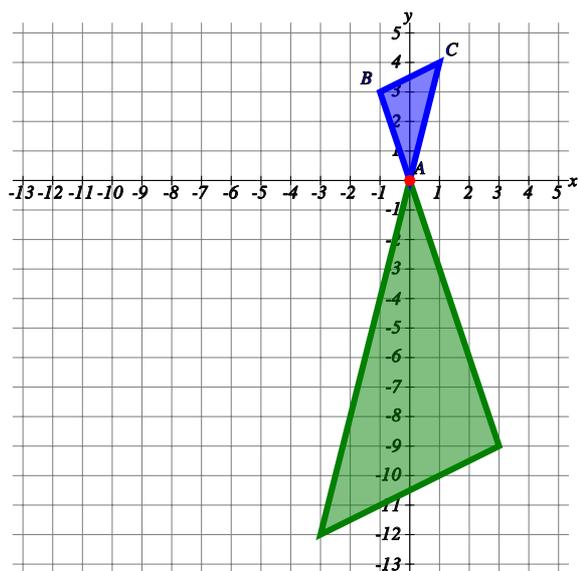


2)

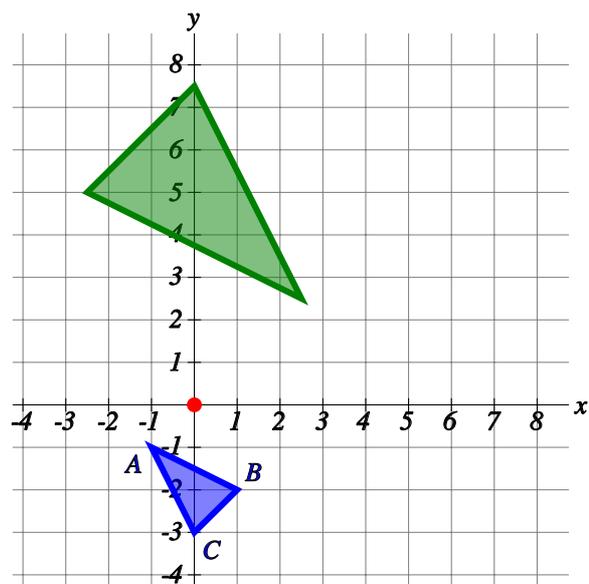
Enlargement from centre $(-1,-1)$ by scale factor -1.5 gives image point $C' = (-2.5,-10)$



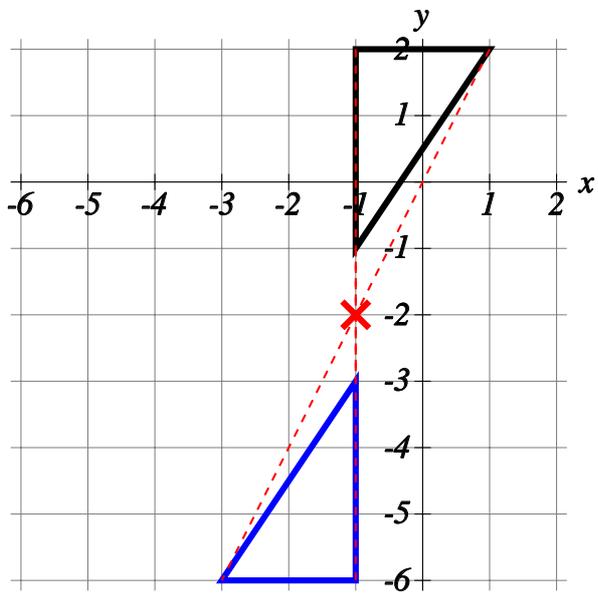
3) enlargement scale factor -3 centre (0,0)



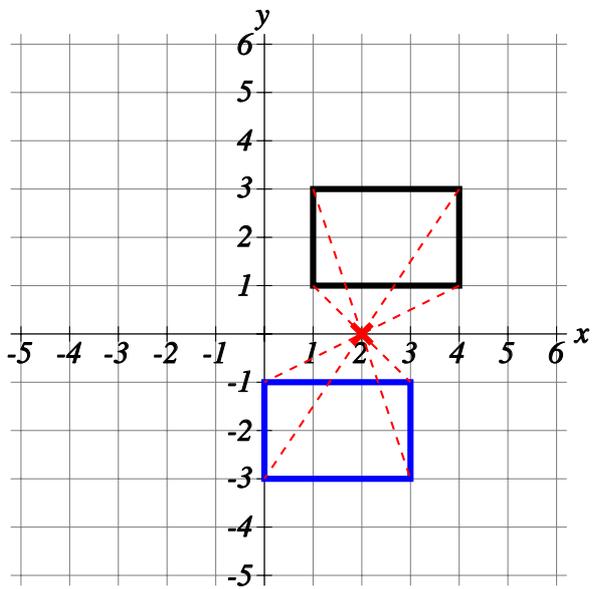
4) enlargement scale factor -2.5 centre (0,0)



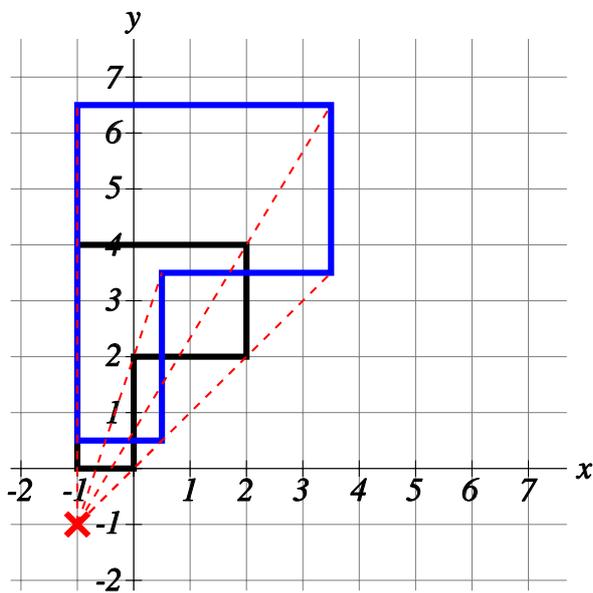
5)



6)



7)



8)

