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

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

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

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

7) Enlarge the shape from centre (-1,-1) by scale factor 1.5.
8) Enlarge the shape from centre (-2,0) by scale factor -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)