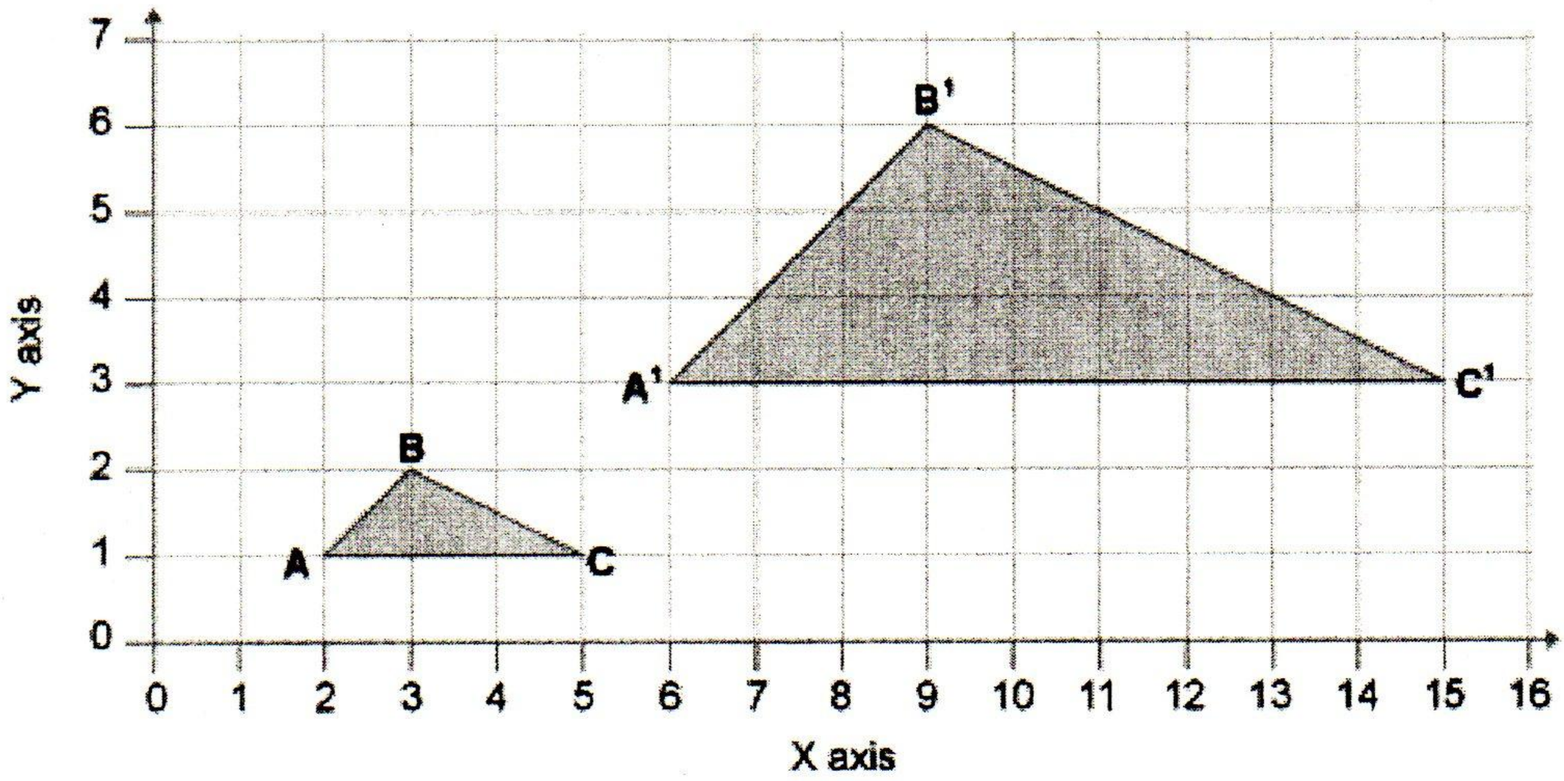
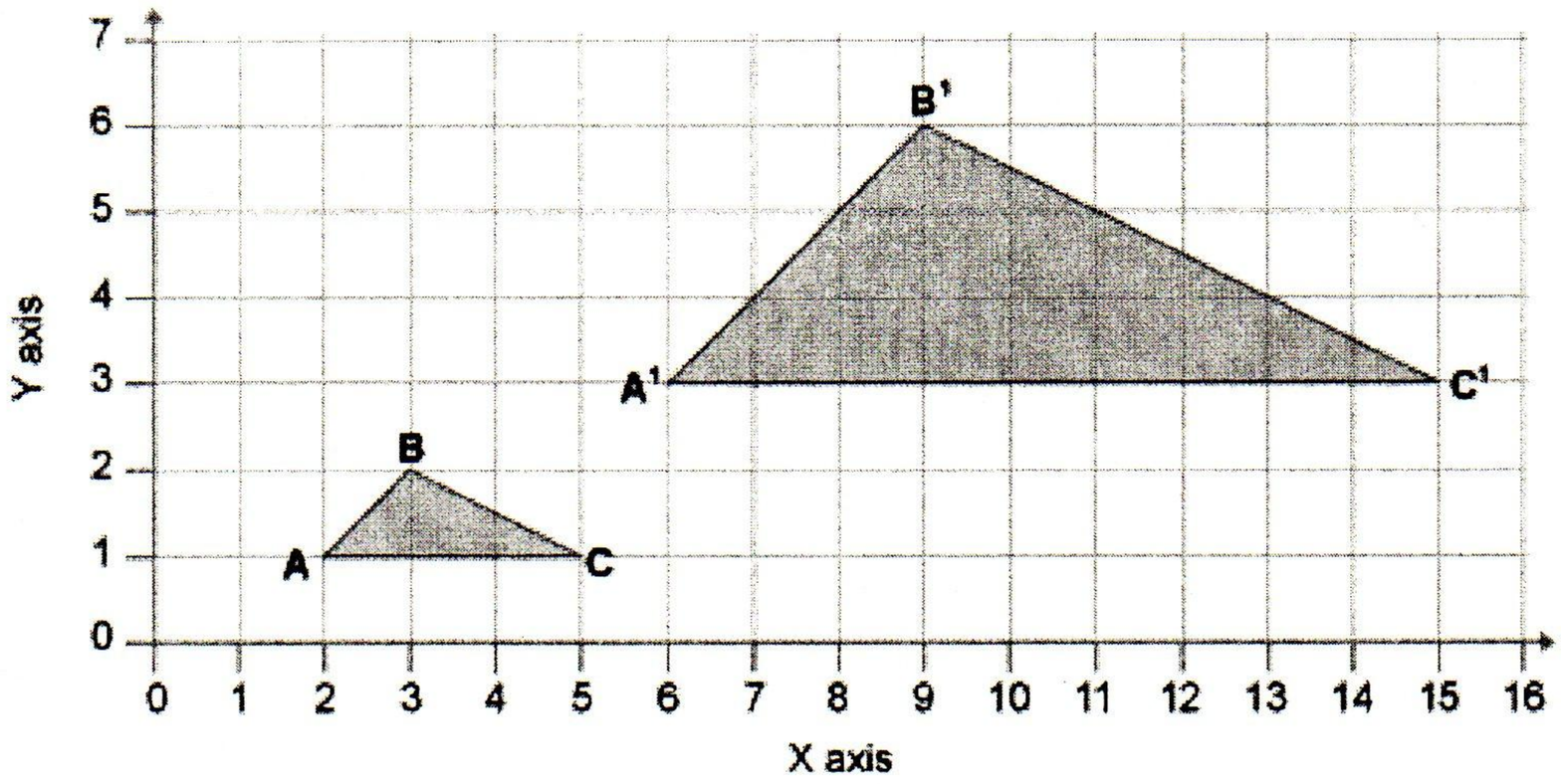
Enlargement

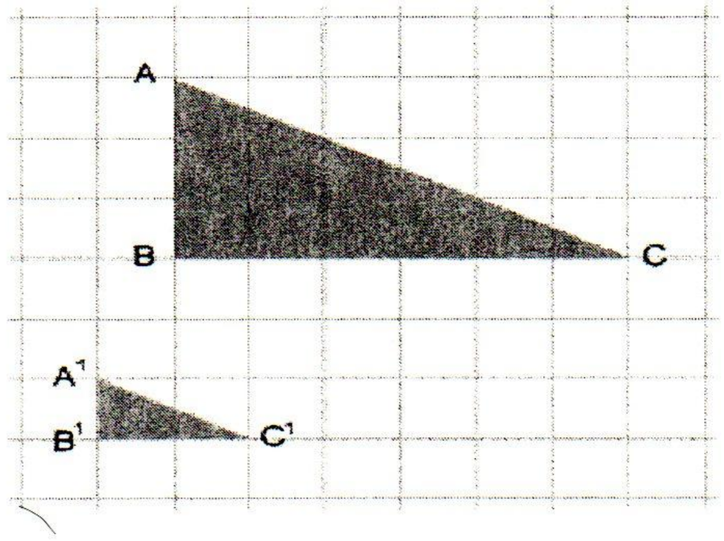
1. Triangle ABC has been enlarged to give triangle A'B'C'. What are the co-ordinates of the centre of enlargement?



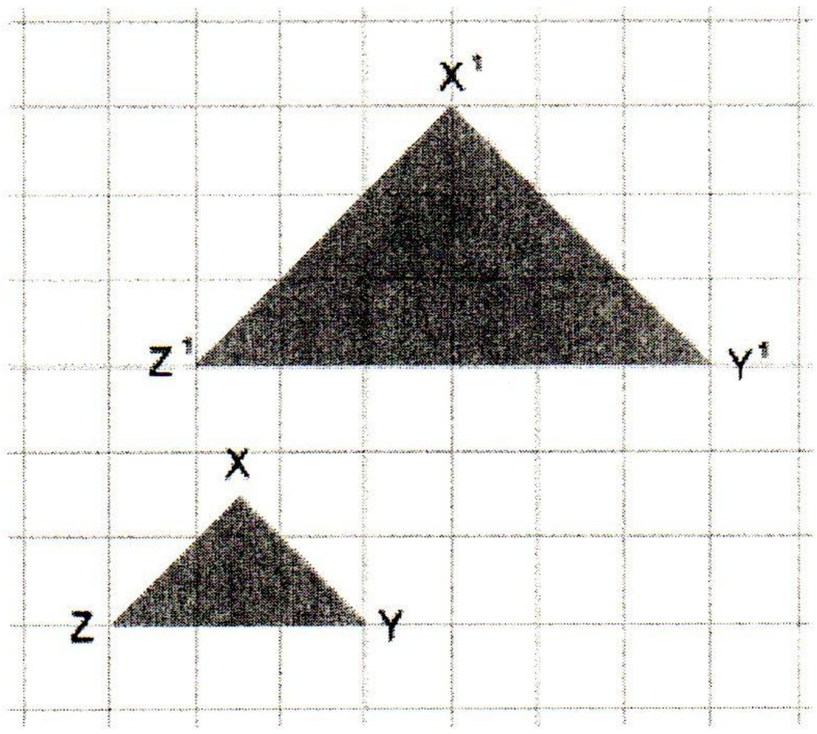
2. Triangle ABC has been enlarged to give triangle A'B'C'. What is the scale factor of the enlargement?



3. Triangle ABC has been enlarged to give triangle A'B'C'. What is the scale factor of enlargement?

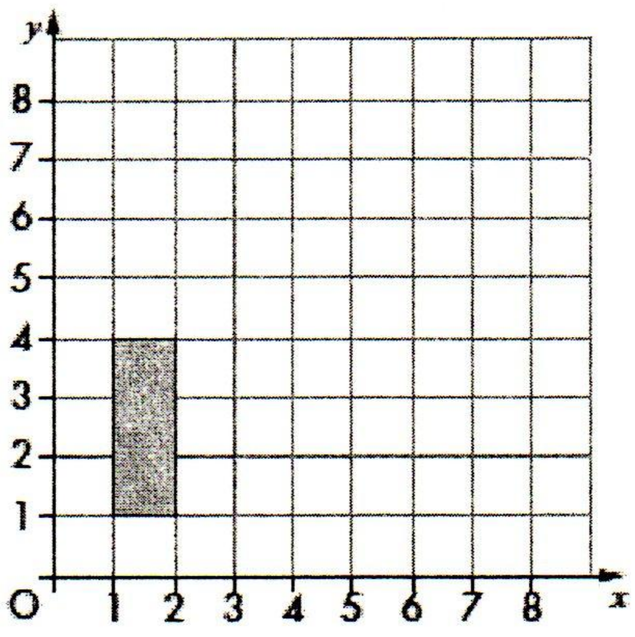


4. Triangle XYZ has been enlarged to give its image X'Y'Z'. What is the scale factor of enlargement?

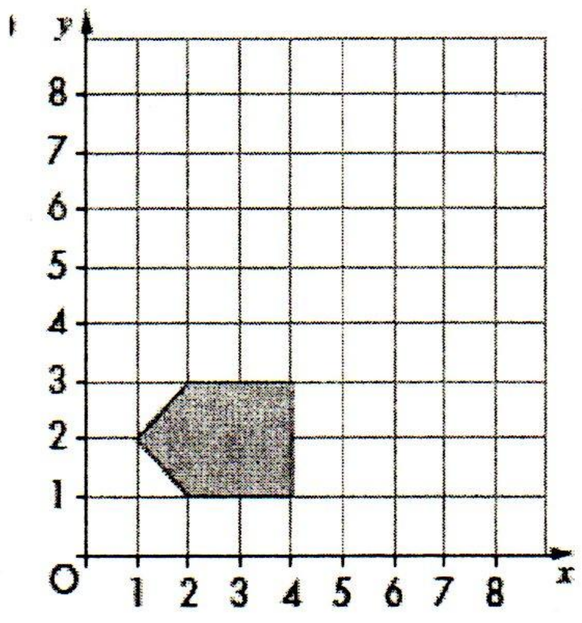
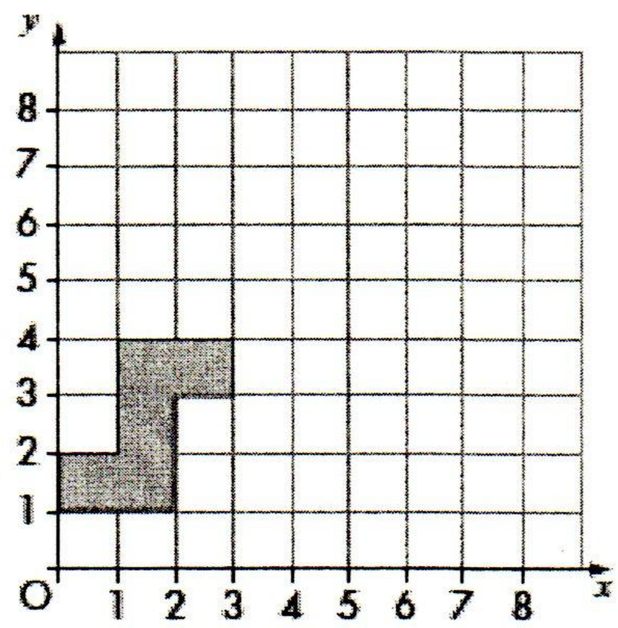


5. Copy each of these diagrams onto squared paper and enlarge it by scale factor 2, using the origin as the centre of enlargement.

a.



b.



c.