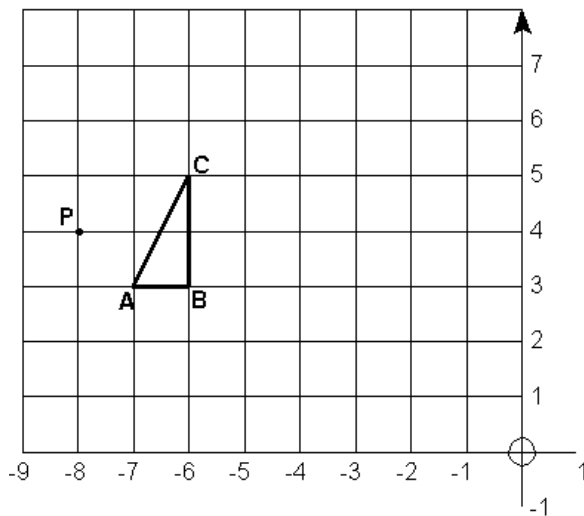


Enlargement and area

This task is about enlarging a shape on a grid and exploring the relationship between scale factor and area.



- a) What is the area of the triangle ABC? _____ square units
- b) Using P as the centre of enlargement, enlarge the triangle ABC by a scale factor of 3. Label the enlarged triangle A', B', and C' respectively.
- c) What is the area of the triangle A'B'C'? _____ square units

If the triangle ABC is enlarged by a scale factor of 4, how could you find the area of the enlarged triangle without drawing it?

d) _____
