



12.1 Congruence

- Show that two triangles are congruent.
- Know the conditions of congruence.

12.2 Geometric proof and congruence

- Prove shapes are congruent.
- Solve problems involving congruence.
- Use geometric sketching to help solve congruency problems.

12.3 Similarity

- Use the ratio of corresponding sides to work out scale factors.
- Find missing lengths on similar shapes.
- Use geometric sketching to help solve similarity problems.

12.4 More similarity

- Use similar triangles to work out lengths in real life.
- Use the link between linear scale factor and area scale factor to solve problems.

12.5 Similarity in 3D solids

- Use the links between scale factors for length, area and volume to solve problems.