

Congruence and geometric reasoning ·

Optional extension

Pearson Edexcel GCSE Mathematics 1MA1 · L027 · 60 minute lesson

Use after independent work is secure. Allow about 10–15 minutes for one or both activities. Record a method and explain a check.

Stretch

State a valid congruence test for sides 5,7,8 cm in two triangles and explain.

Deep challenge

Two triangles have equal side lengths 5 and 7 cm and a non-included equal angle. Must they be congruent?
