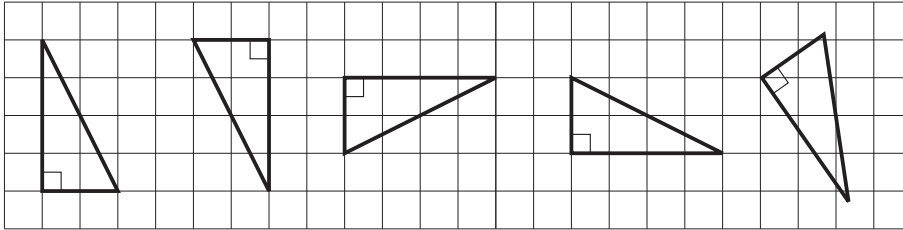


Congruence and Similarity

Essential information

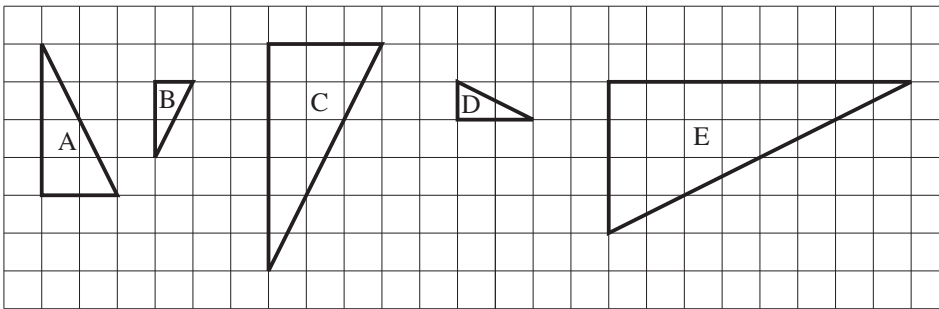
- **Congruent shapes** are identical but can have different orientations.

For example, these five shapes are all congruent.



- **Similar shapes** have corresponding angles equal and corresponding sides in the same ratio.

For example, shapes A, B, C, D and E are all similar; B and D are also congruent.



- Tests for congruency There are four tests for congruency of triangles, namely
 - Side, Side, Side (SSS)
 - Side, Angle, Side (SAS)
 - Angle, Angle, Side (AAS)
 - Right angle, Hypotenuse, Side (RHS)