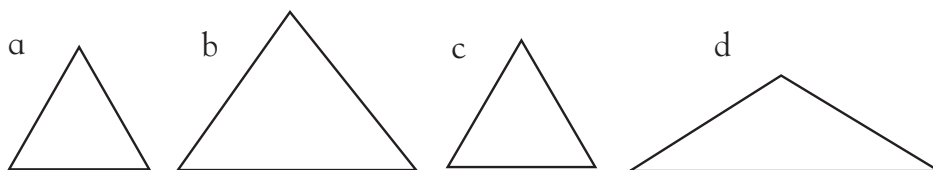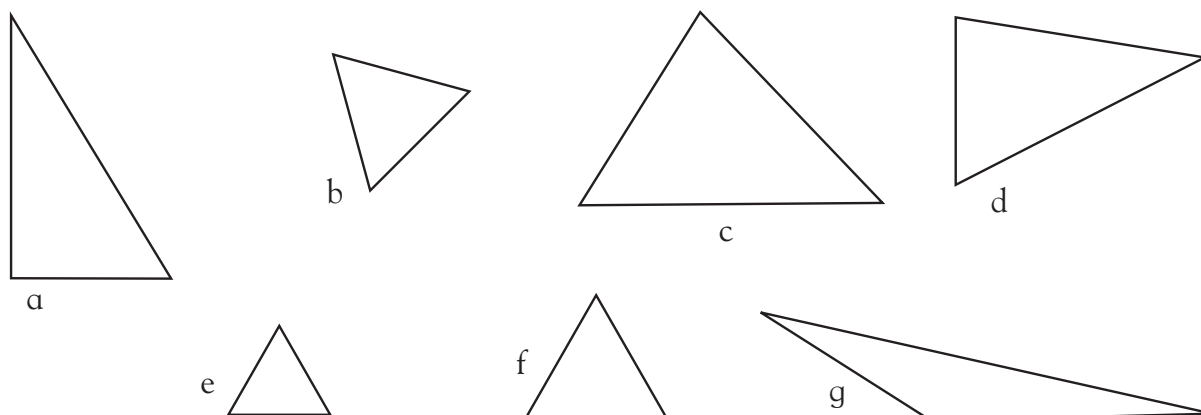# Congruency

Congruent triangles are triangles that are exactly the same shape and size. Triangles are congruent if the corresponding sides are the same and the three corresponding angles are the same.

Which triangles are congruent?

a   b   c   d

a and c

Which triangles are congruent?

a   b   c   d   e   f   g

Which triangles are congruent?

a   b   c   d   e   f   g

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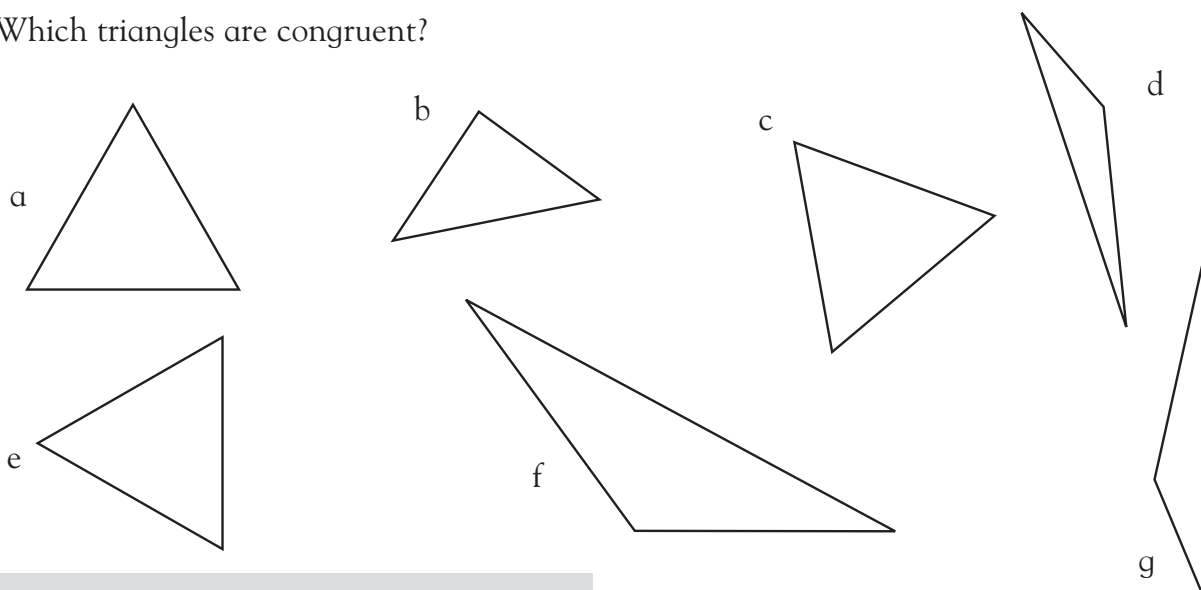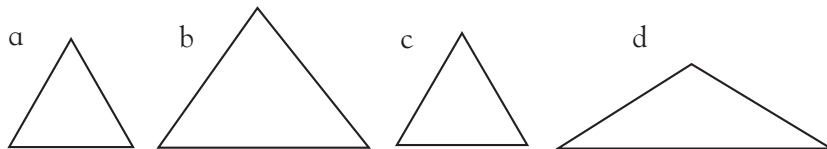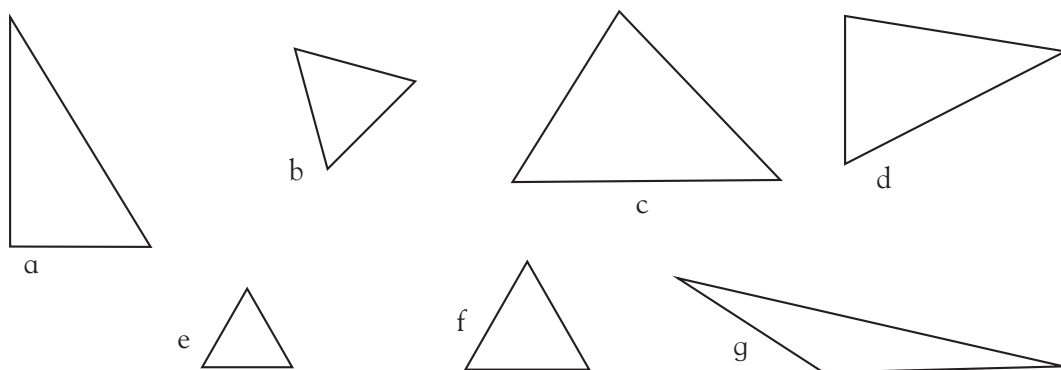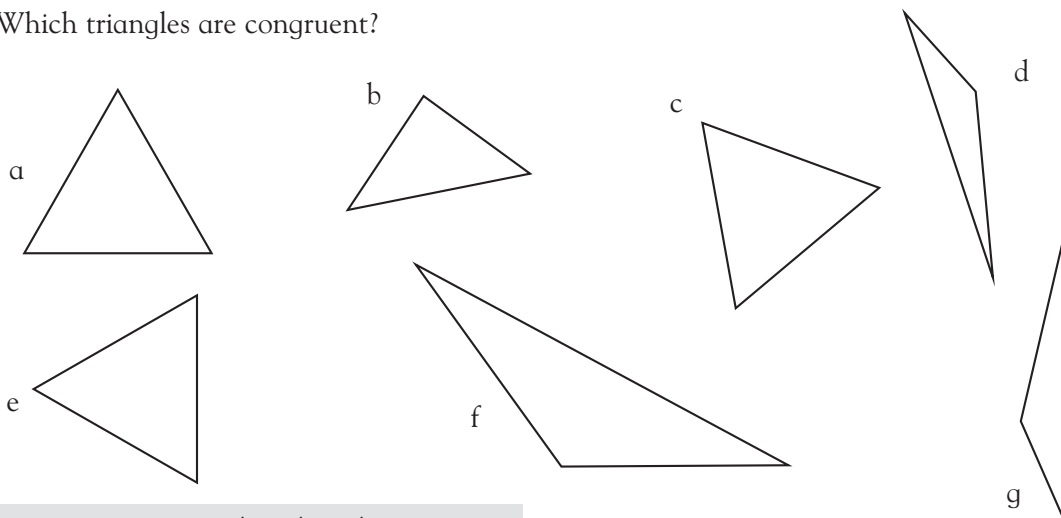
Which triangles are congruent?

a   b   c   d

a and c

Which triangles are congruent?

a   b   c   d   e   f   g

b and f

Which triangles are congruent?

a   b   c   d   e   f   g

a, c, and e; d and g

You may want to discuss with children the fact that a triangle with congruent corresponding sides also has congruent corresponding angles.