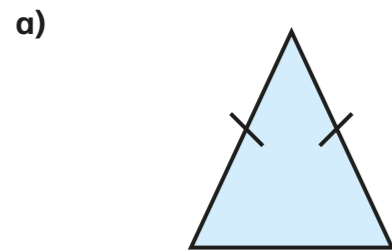# Recognise types of triangle
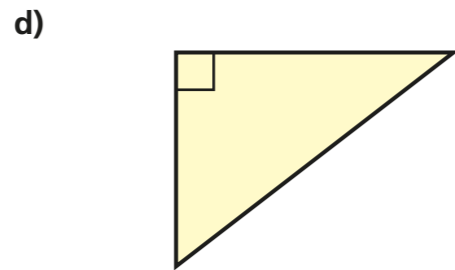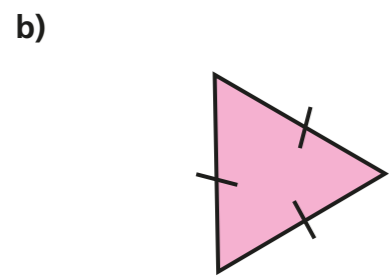
1 Classify each triangle as equilateral, scalene, right-angled or isosceles.

a)

isosceles

b)

equilateral

c)

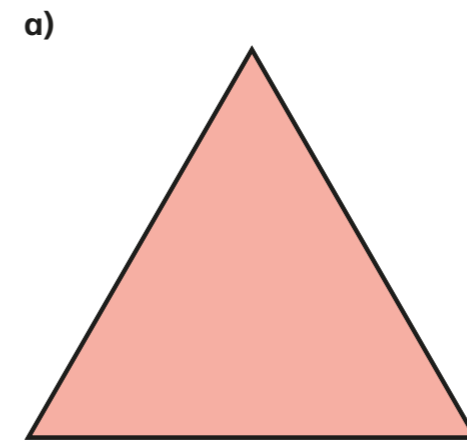_scalene_

d)
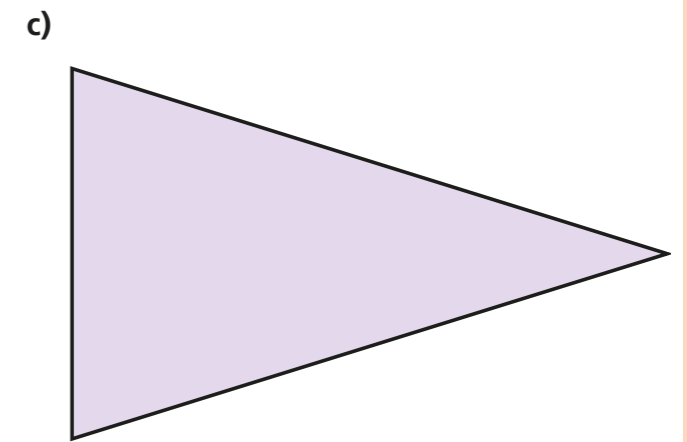
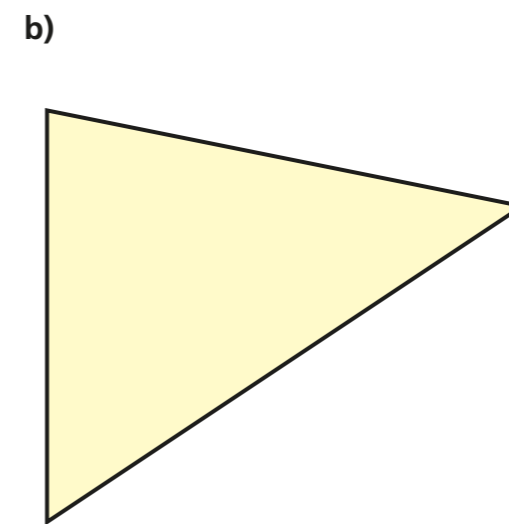_right-angled_

e)

scalene

f)
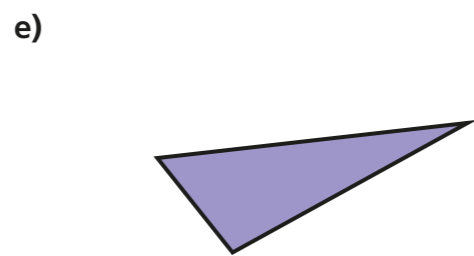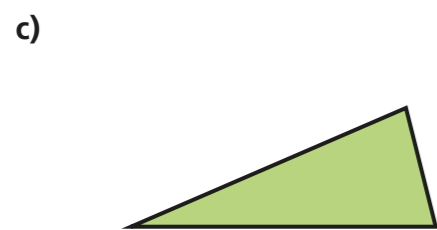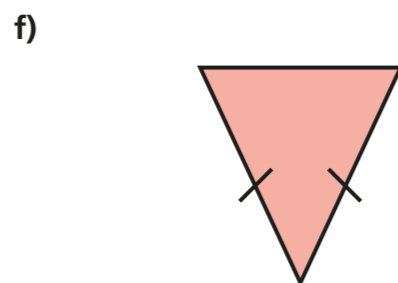
isosceles

2 Measure and label the angles and side lengths of the triangles.

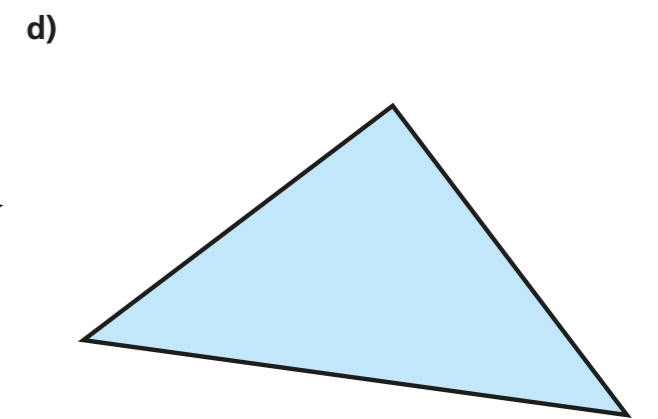Then classify each triangle as equilateral, scalene, right-angled or isosceles.

a)

equilateral
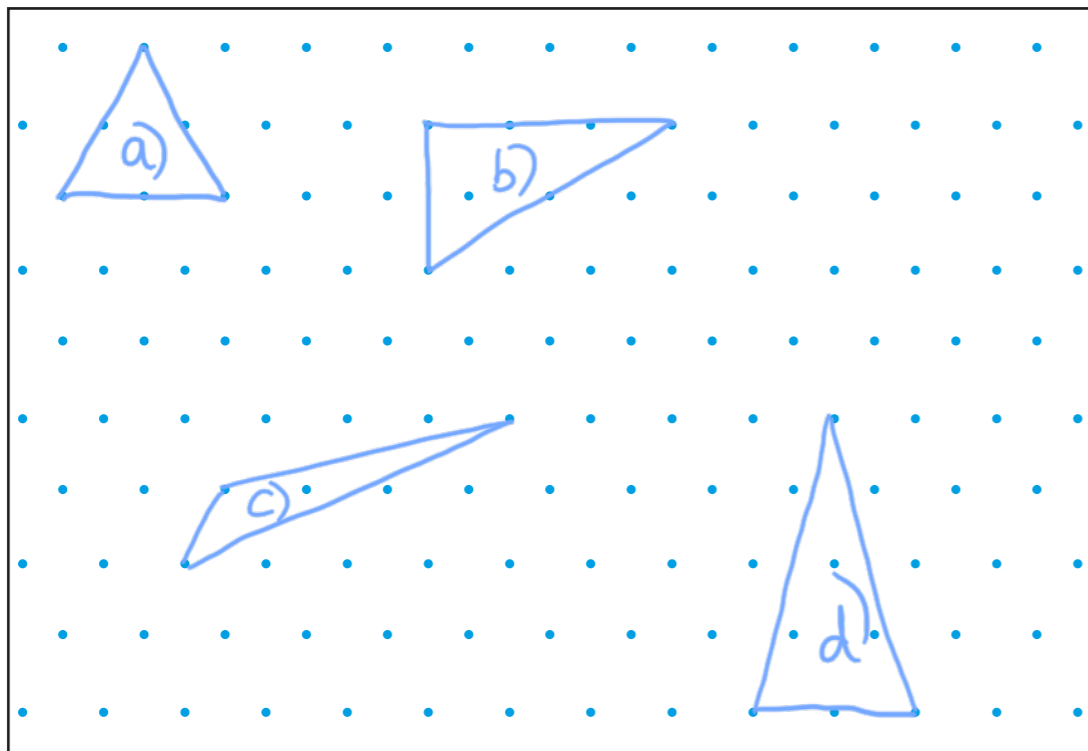
c)

isosceles

b)

scalene

d)

right-angled
isosceles

What do you notice about the triangle in part d)?
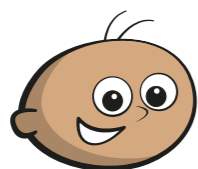
Talk about it with a partner.

3 Draw these triangles on the grid.

a) an equilateral triangle   c) a scalene triangle

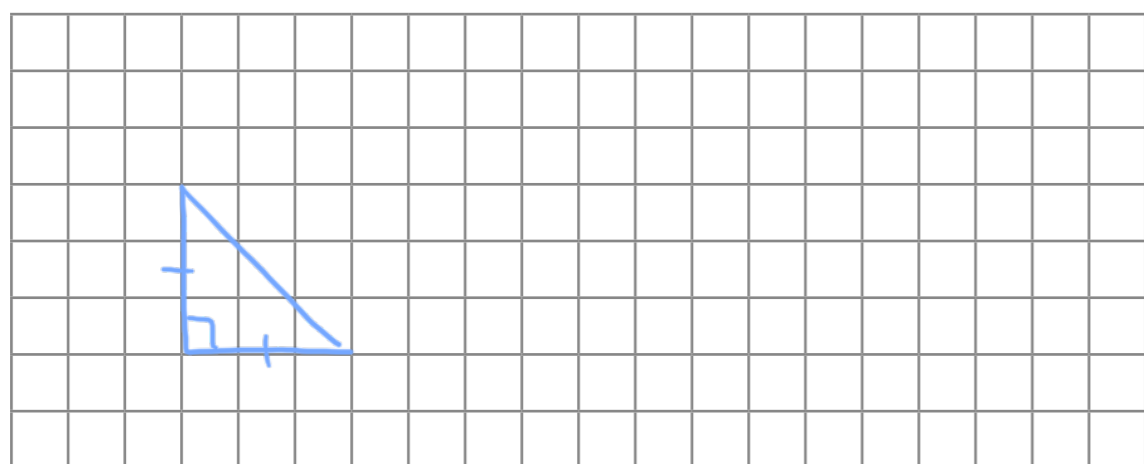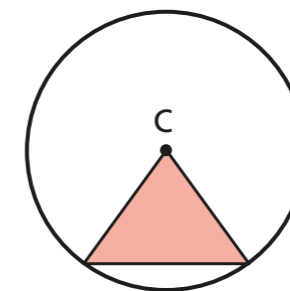b) a right-angled triangle   d) an isosceles triangle

4

A triangle can either be right-angled or isosceles. It can't be both.

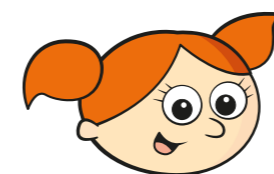Is Tommy correct? _No_

Draw a diagram to support your answer.

5 Aisha has drawn a triangle inside a circle.

What type of triangle has Aisha drawn? _isosceles_
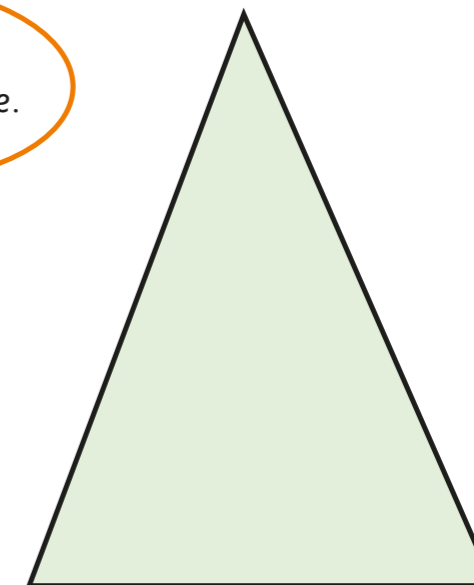
Explain how you know.

6

This is an isosceles triangle.

Do you agree with Alex? _No_

Use a protractor to measure each angle to check.

7 Is the statement true or false?

All triangles have three lines of symmetry. _false_

Explain your answer.

Only equilateral triangles have three lines of symmetry

Compare answers with a partner.