

## Workout

Question 1

- (a) Right angle
- (b) Scalene
- (c) Isosceles
- (d) Equilateral
- (e) Isosceles
- (f) Scalene

Question 2

Isosceles right angle triangle ... or ... Right angled isosceles triangle

Question 3: A triangle like Q1(a)

Question 4: A triangle like Q1(c)

Question 5: A triangle like Q1(b)

Question 6: A triangle like Q1(d)

## Apply

Question 1: Isosceles

Question 2: Equilateral

Question 3:

- (a) False
- (b) True
- (c) True

Question 4:

The lengths of the two shorter sides need to add together to be larger than the longest side in order for the sticks to make a triangle.

or... the two shorter sticks would not meet if they were joined to the ends of the 10cm stick.

Question 5:

The angles in a triangle add together to equal  $180^\circ$ . If there is a right angle ( $90^\circ$ ) and an obtuse (greater than  $90^\circ$ ), then just those two angles add together to greater than  $180^\circ$ .