Draw shapes accurately

1 **a)** Draw a square with a perimeter of 20 cm.

1 cm

1 cm
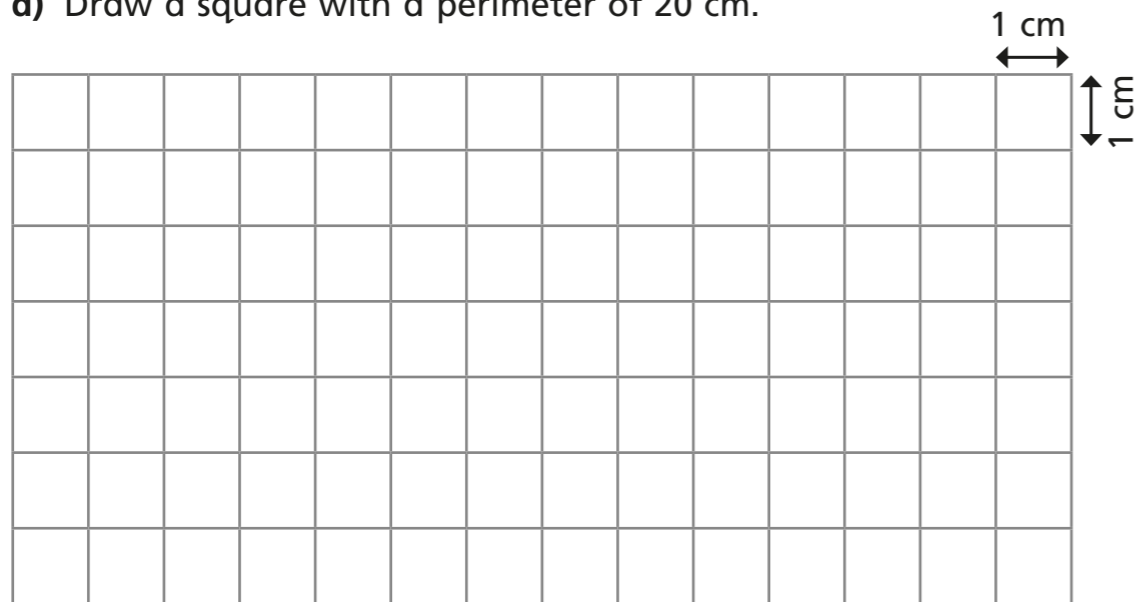
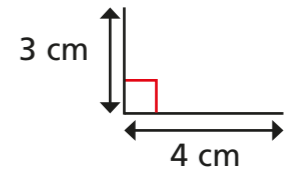**b)** Draw a rectangle with a perimeter of 20 cm.

1 cm

1 cm
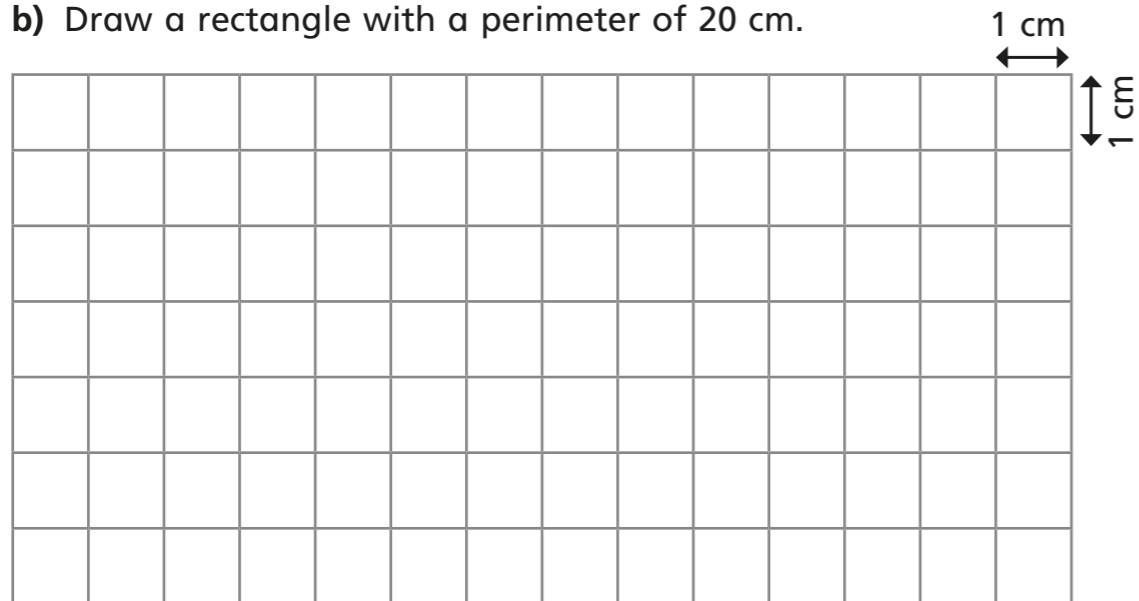
Talk about your method with a partner.

2 Draw the diagrams accurately.

a)

3 cm

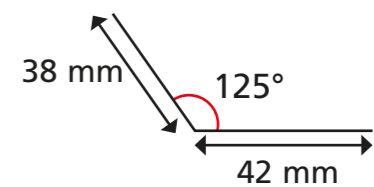4 cm
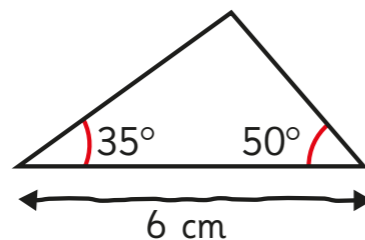
b)

2.5 cm

60°

6 cm

c)

38 mm

125°
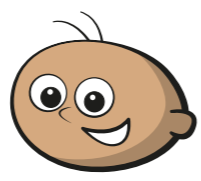
42 mm
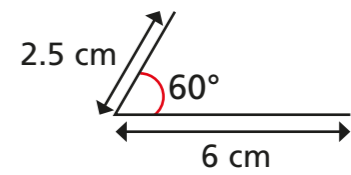
3 Aisha draws a triangle.

Make an accurate drawing of Aisha's triangle.

4

I have drawn a right-angled triangle. The two shorter sides are 4.5 cm and 6 cm.

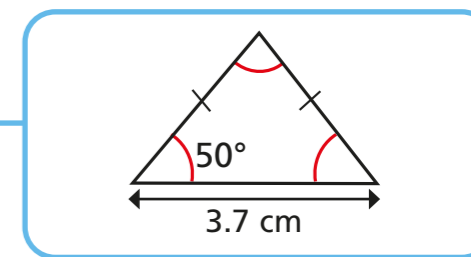**a)** Make an accurate drawing of Tommy's triangle.

b) Use your drawing to find the length of the longest side. ☐ cm
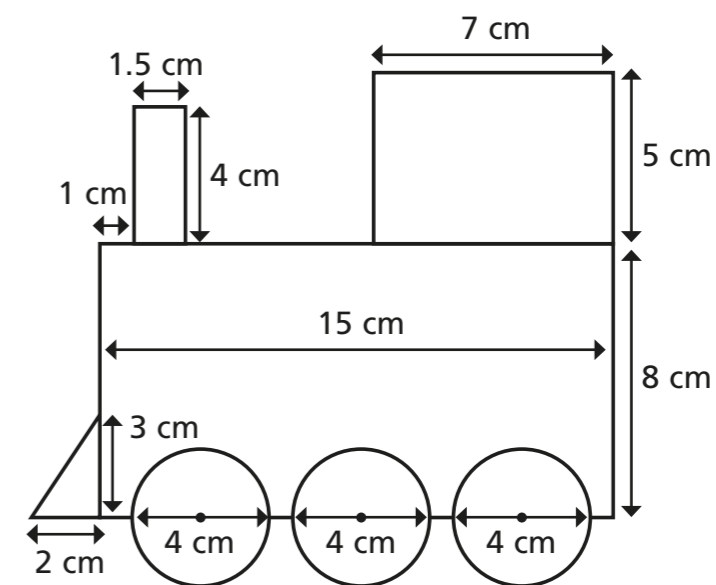
5 Draw the triangle accurately.

a)

b) Measure the vertical height of the triangle. ☐ cm

c) Work out the area of the triangle.

☐ cm²

6 Here is a technical drawing of a toy train.

Make an accurate drawing of the toy train on a sheet of squared paper.