1. How long is each line?
   a) 
   ![Measurement a]
   - Length: 8 cm
   b) 
   ![Measurement b]
   - Length: 11 cm
   c) 
   ![Measurement c]
   - Length: 6 cm

2. Draw two lines that are each 5 cm long.

3. Dani says the line is 10 cm long.
   a) What mistake has Dani made?
   - She hasn’t started measuring from 0
   b) How long is the line?
   - 8 cm

4. What is the length of each line in millimetres?
   a) 
   ![Measurement a in mm]
   - Length: 62 mm
   b) 
   ![Measurement b in mm]
   - Length: 115 mm
   c) 
   ![Measurement c in mm]
5 Use a ruler to draw the lines.
   a) Draw a line 8 cm long.

b) Draw a line 80 mm long.

What do you notice about the lines you have drawn?
Why is this?
They are the same length because $8 \text{ cm} = 80 \text{ mm}$

6 Use a ruler to help you answer the questions.
   a) Draw a 4 cm by 4 cm square.

b) Measure the length of the diagonal.
   Give your answer in millimetres.

7 Draw a rectangle 8 cm long and 32 mm wide.

8 a) Make a sketch of the triangle.

b) Use your drawing to work out the perimeter of the triangle.

  $57 \text{ mm}$

  $12 \text{ cm}$