

# M6 = 20 days to go!

3 (a) Fill in the next two terms of this sequence.

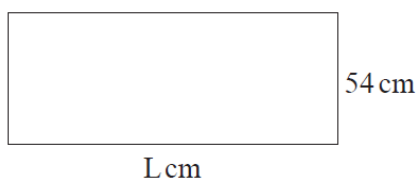
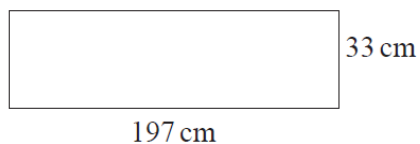
14, 13, 11, 8, ,  [2]

(b) Write down the name of the numbers in the sequence below.

1, 8, 27, 64, ...

Answer \_\_\_\_\_ [1]

11



The two rectangles above have the same area.

Using estimation, work out an estimate for the length, L, of the second rectangle.

Answer L= \_\_\_\_\_ cm [2]

- 8 (a) Calculate the size of angle  $x$ .

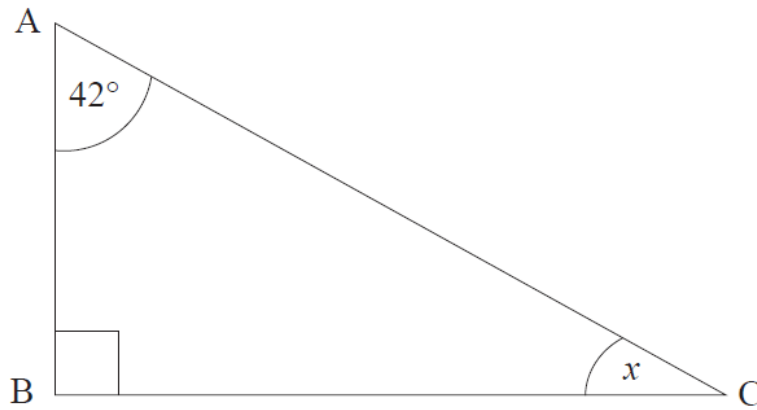
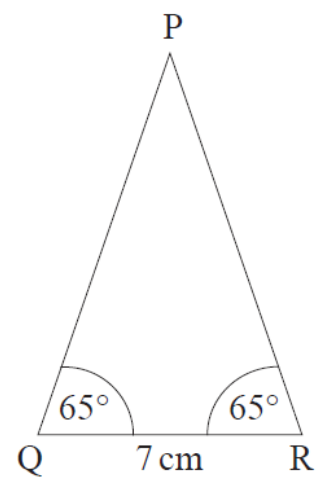


diagram not  
drawn accurately

Answer \_\_\_\_\_  $^\circ$  [2]

- (b) Make an accurate drawing of the triangle sketched below.



Q ×

[3]