Challenge 1

True or False?

Dora: 10 cm is one tenth of 1 metre
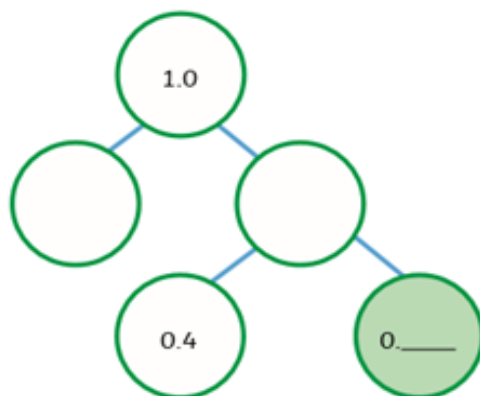
Amir: 10 cm is 0.1 metres.
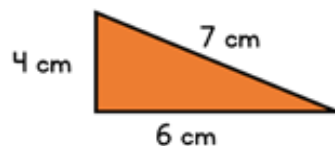
Explain your answer.

Challenge 2

I can put different digits in the shaded circle to complete the part-whole model.

1.0

0.4

0.____

What decimal numbers can be placed in the shaded circle to correctly complete the part-whole model? Find all possible answers.

_____

_____

STRETCH

Challenge 3

1) What is the perimeter of the shape?

7 cm

4 cm

6 cm

2) Compare using $<$, $>$ or $=$

85 mm ◯ 8 cm 5 mm

3) How many metres are equal to 1,000 centimetres?

4) What is 100 less than 923?

$0.6 - \boxed{} = 0.8 - 0.3$

$0.9 - \boxed{} = 0.7 - 0.4$

$0.8 - 0.1 = 1.5 - \boxed{}$