

### Star Challenge 1

True or false?

$$8\text{cm} = \underline{80} \text{ mm}$$

$$60\text{mm} = \underline{600} \text{ cm}$$

$$500\text{m} = \underline{5} \text{ km}$$

$$30\text{cm} = \underline{3} \text{ m}$$

$$30\text{cm} = \underline{300} \text{ mm}$$

### Star Challenge 2

Explain

**Order these lengths from shortest to longest:**

750mm    160cm    0.9m    your height

Explain your answer.