

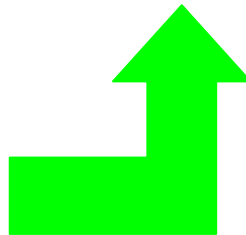
Conversion Factor

53 centimeters = ??? meters

$$53 \text{ cm} \times \frac{1 \text{ m}}{100 \text{ cm}} = 0.53 \text{ m}$$

What I want

What I have

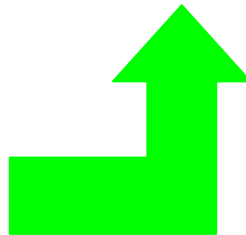


27 meters = ??? millimeters

$$27 \cancel{\text{m}} \times \boxed{\begin{array}{l} 1000 \text{ mm} \\ \hline 1 \cancel{\text{m}} \end{array}} = 27,000 \text{ mm}$$

What I want

What I have

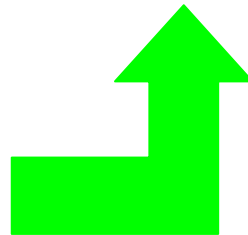


??? seconds = 450 milliseconds

$$450 \text{ ms} \times \frac{1 \text{ s}}{1000 \text{ ms}} = 0.450 \text{ s}$$

What I want

What I have



0.087 kilometers = ??? centimeters

$$0.087 \text{ km} \times \frac{\text{cm}}{\text{km}} = \text{cm}$$

0.087 kilometers = ??? centimeters

$$0.087 \text{ km} \times \frac{\text{m}}{\text{km}} = \text{m}$$

$$\text{m} \times \frac{\text{cm}}{\text{m}} = \text{cm}$$

0.087 kilometers = ??? centimeters

$$0.087 \text{ km} \times \frac{1000 \text{ m}}{1 \text{ km}} = 87 \text{ m}$$

$$87 \text{ m} \times \frac{100 \text{ cm}}{1 \text{ m}} = 8,700 \text{ cm}$$