

Greatest Possible Error

...one half the measure of the **smallest measuring unit**.

25 ft

The smallest unit is the **ones unit (1)**

6.8 cm

The smallest unit is the **tenths unit (0.1)**

Greatest Possible Error

...one half the measure of the **smallest measuring unit**.

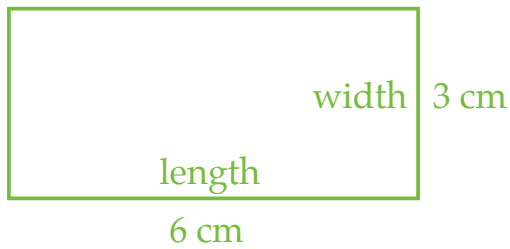
327 g

The smallest unit is the **ones unit (1)**

12.3 m

The smallest unit is the **tenths unit (0.1)**

Find the **maximum** and **minimum** area for the following rectangle



Percent Error

$\frac{\text{greatest possible error}}{\text{original measurement}}$ expressed as a **percent**.

Determine the **possible percent error** for the following **measurements**:

25 ft

6.8 cm

Percent Error

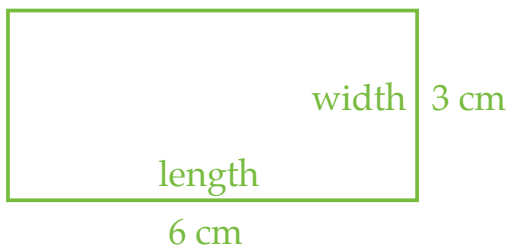
$\frac{\text{greatest possible error}}{\text{original measurement}}$ expressed as a percent.

Determine the possible percent error for the following measurements:

2 g

0.4 cm

Calculate the percent error in finding the area of the following rectangle.



Calculate the **percent error** in finding the volume of a rectangular solid with dimensions **1.5 ft** x **2.6 ft** x **3.7 ft**.

$$\text{Volume} = l \cdot w \cdot h$$