Learning Basic College Mathematics - Measuring Exercise

Name: _____ **Date: _____**

1. **Measure the line in inches and measure the line again in centimeters**

_____ inches _____ cm

Convert the inches to centimeters. The answer will be close to the measured.

$$\frac{\_\_\_\_\_\ \text{in}}{1} \text{ x } \frac{2.54\ \text{cm}}{1\ \text{in}} = \_\_\_\_\_\ \text{cm}$$

2. **Measure the line in inches and measure the line again in centimeters**

_____ inches _____ cm

Convert the inches to centimeters. The answer will be close to the measured.

3. **Measure the line in inches and measure the line again in centimeters**

_____ inches _____ cm

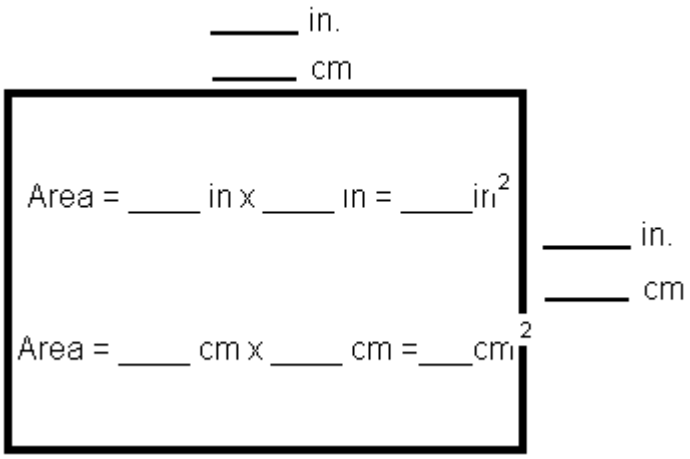
Convert the inches to centimeters. The answer will be close to the measured.

4. **Measure the line in inches and measure the line again in centimeters**

_____ inches _____ cm

Convert the inches to centimeters. The answer will be close to the measured.

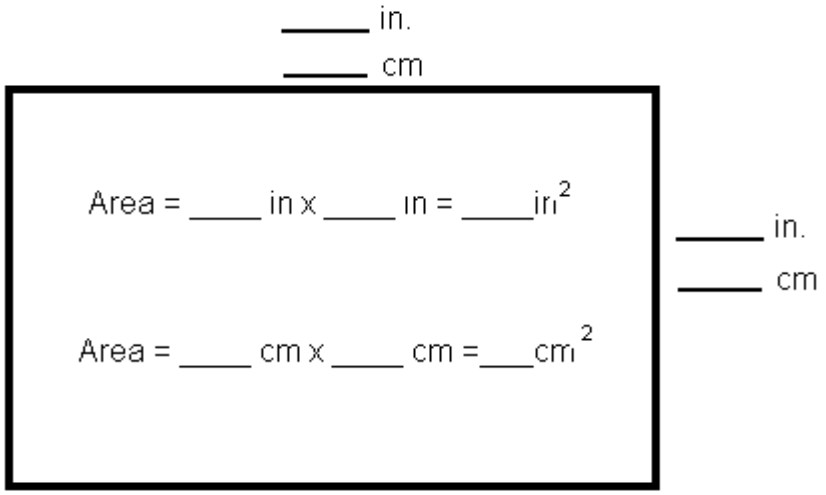
5. Measure the box and compute the area of the box in square inches. Measure the box and compute the area of the box in square centimeters.



Convert the square inches to square centimeters. The answer will be close to the measured.

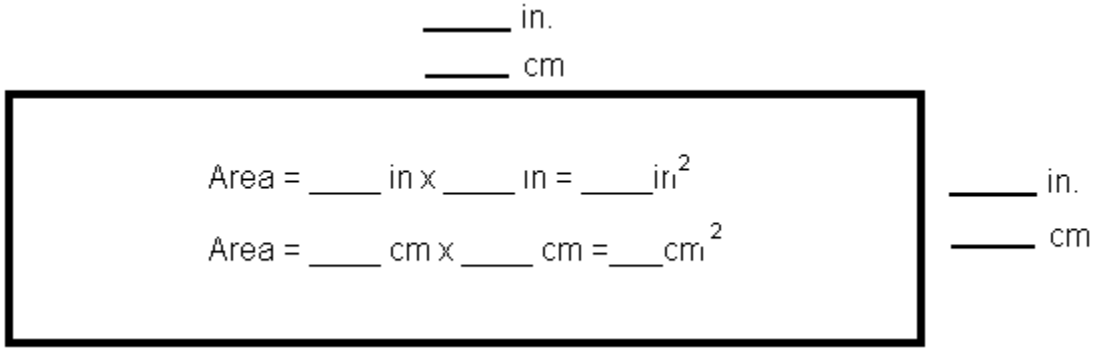
$$\frac{\text{\_\_\_\_\_ in}^2}{1} \text{ x } \frac{6.4516\,\text{cm}^2}{1\,\text{in}^2} = \text{\_\_\_\_\_ cm}^2$$

6. Measure the box and compute the area of the box in square inches. Measure the box and compute the area of the box in square centimeters.



Convert the square inches to square centimeters. The answer will be close to the measured.

7. Measure the box and compute the area of the box in square inches. Measure the box and compute the area of the box in square centimeters.



Convert the square inches to square centimeters. The answer will be close to the measured.