

5.5: Analysis

1. Draw the table to record your analysis values for the wood block. Use a ratio to compare measured centimeters to inches, in each dimension, for the wood block; reduce fractions such that the smallest value is 1.

Example:

$$\frac{540 \text{ inches}}{15 \text{ yards}} = \frac{36 \text{ in}}{1 \text{ yd}}$$

Table 5.5.1: Wood Block Ratio Analysis

Ratio	Length	Width	Thickness/Height
$\frac{\text{centimeters}}{\text{inches}}$			

2. Draw the table to record your analysis values for the metal cylinder. Use a ratio to compare measured centimeters to inches, in each dimension, for the metal cylinder; reduce fractions such that the smallest value is 1.

Table 5.5.2: Metal Cylinder Ratio Analysis

Ratio	Radius	Height
$\frac{\text{centimeters}}{\text{inches}}$		

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