

## 14.5: Analysis

1. Use ratios to compare the densities. Draw and complete the table below for all comparisons, reducing fractions when possible.

Table 14.5.1: Density comparison

Comparison	Ratio
$\frac{\text{Density of Sand}}{\text{Density of Air}}$	
$\frac{\text{Density of Sand}}{\text{Density of Water}}$	
$\frac{\text{Density of Water}}{\text{Density of Air}}$	

2. Explain why the same mass of sand and water had different fill heights.

### Contributors and Attributions

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