

First Semester of the Academic Year 1447-2025

Worksheet 5

Level	Primary	Name	
Subject	Science	Class	6



First: Give a reason.

1. Why does a ship float on water?

Because its overall density is less than the density of water.

2. Why does an object sink?

Because its density is greater than the density of the liquid.

3. Why is weight less on the moon?

Because the moon's gravity is weaker than Earth's gravity.



Second: Classify the materials.

Copper (C)

Plastic (I)

Aluminium (C)

Rubber (I)

Glass (I)

 **Third: Choose the correct state of matter.**

Ice → Solid

Water → Liquid

Air → Gas

 **Thinking Questions** 

1. Density = mass ÷ volume

$$\text{Density} = 30 \div 6 = 5 \text{ g/cm}^3$$

2. Density = 20 ÷ 4 = 5 g/cm³