

## FORCES GRAVITY & BUOYANCY

### 1. Match.

Light for its size

Heavy for its size

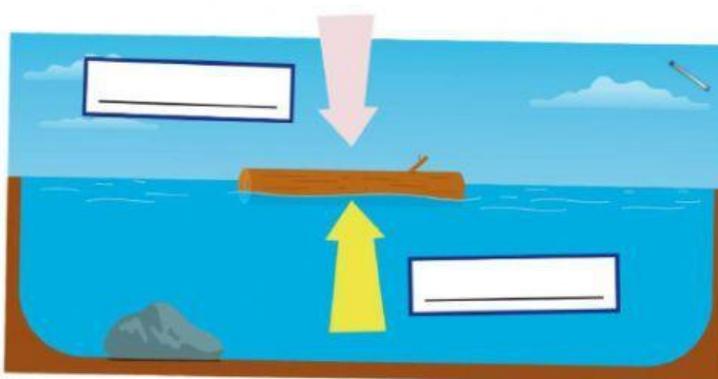
High density

Low density

It floats in liquid.

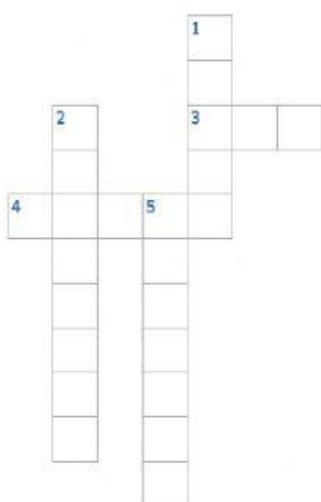
It sinks in liquid.

### 2. Label the picture, then complete the text.



When you place an object in water, **(a)** \_\_\_\_\_ pushes the object **(b)** \_\_\_\_\_, and **(c)** \_\_\_\_\_ pushes the object **(d)** \_\_\_\_\_.

### 3. Complete the crossword with words from the unit.



#### Across

- 3 Some objects are light for their size because they contain this.
- 4 Magnets have two of these.

#### Down

- 1 Mass is measured in this.
- 2 The force that pushes objects upwards in liquids.
- 5 Materials with this property return to their original shape when we stop applying a force.