



Name:

Date:

Grade 6 CS all sections

Objectives:

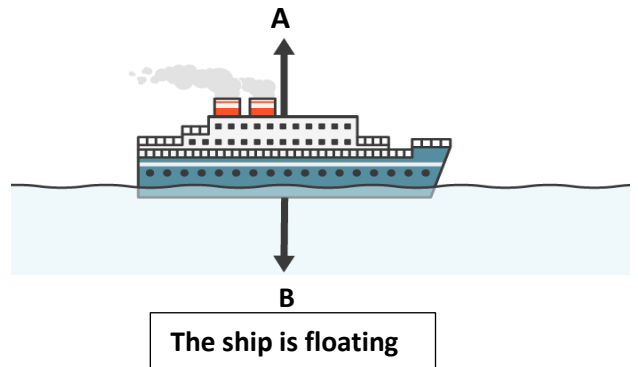
- Identify different forces acting on different situations.
- Differentiate between contact and non-contact forces.
- Calculate mass and weight on different planets.

Question 1:

Identify the forces acting in each situation:

A:.....

B:.....

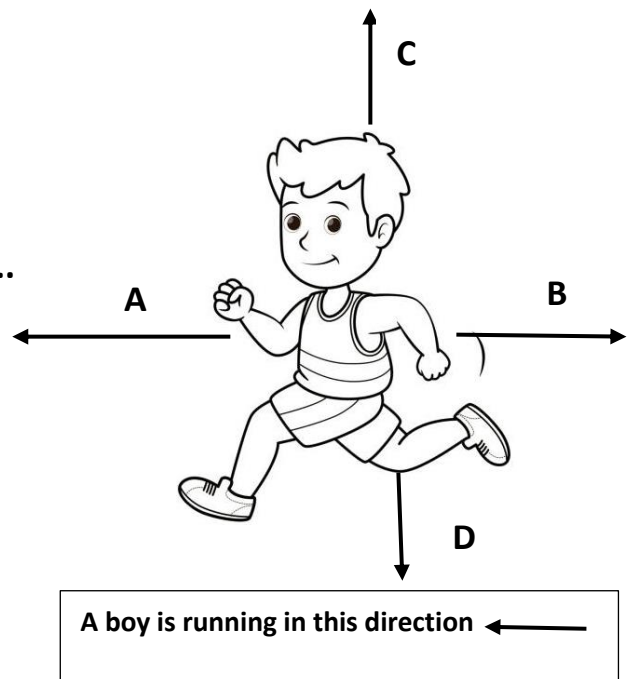


A:.....

B:.....+.....

C:.....

D:.....



Question 2:

Answer the following questions about contact and noncontact forces:

- The type of forces that act when objects are not touching:

Examples:,

- This type of forces that only act when objects are touching:

Examples:,

Question 3:

An object has a mass of 40 kg on Earth. Study the following table and answer the question below.

The planet	Gravitational field strength
Saturn	11 N/Kg
Earth
Jupiter	25 N/Kg

- Calculate the object **weight** on **Saturn**:

.....

- Calculate the object **mass** on **Saturn**:

.....

- If the object weight on Earth is 400 N calculate the **gravitational field on**

Earth:

- Calculate the object **weight** on **Jupiter**:

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