MINDS ON SCIENCE



Grade 5 Science

FORCES

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1. Which of the following are forces?

- ☐ A box
- ☐ A push
- ☐ A pull
- ☐ A boy
- ☐ A turn

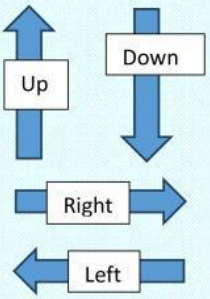
2. Identify the statements which are TRUE and FALSE about forces.

Statements	True	False
A push is a force acting away from the body		
A pull is a force acting away from the body		
A force does not have direction		
A force has size or magnitude		
A force always causes objects to move		

3. In which direction is the force (from the boy) acting on the box?

A. Upward
B. Downward
C. To the Left
D. To the Right





Written & Curated by Michelle T. Watts, 2023

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4. When a force acts on an object several different things can happen. Select <u>all</u> the phrases that <u>correctly complete</u> the sentence below.

A force can cause an object to _____.

- ☐ become cooler in temperature
- ☐ start moving
- ☐ increase in size
- ☐ change direction
- ☐ stop moving
- ☐ evaporate
- ☐ change colour
- ☐ speed up
- ☐ slow down
- ☐ become heavier
- ☐ change shape

5. Jayden pushed this box with all his strength, but the box is too heavy and did not move. Which one of the following statements is TRUE?

A. Jayden applied a force to the box

B. Jayden did not apply a force to the box

C. Jayden is pushing in the wrong direction

D. Jayden's force caused the box to slow down



========= END =========

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