

Grade 4 Science Worksheet:2 (DifficultyLevel: Easy)

Name: _____ | Date: _____

Section 1: Multiple Choice Questions

Choose the correct answer:

1. What is a force?
 - a) Something you can eat
 - b) A push or a pull
 - c) A type of game
 2. What type of force makes a ball fall to the ground when you throw it up?
 - a) Friction
 - b) Magnetic force
 - c) Gravity
 3. Which force helps to slow down moving objects?
 - a) Friction
 - b) Magnetic force
 - c) Gravity
 4. Magnets attract which of the following materials?
 - a) Plastic
 - b) Iron
 - c) Paper
 5. Which force allows a sailboat to move across the water?
 - a) Magnetic force
 - b) Wind force
 - c) Gravity
-

Section 2: Fill in the Blanks

1. _____ is a force that pulls objects down toward Earth.
 2. Friction happens when two surfaces _____ against each other.
 3. The force that makes objects float gently through the air is called _____ resistance.
 4. Magnets have _____ and south poles.
 5. A _____ force can either push or pull objects depending on its strength.
-

Section 3: Match the Forces

Match the type of force with the correct example:

1. Gravity
2. Friction
3. Push force
4. Magnetic force
5. Air resistance

Examples:

- a) A person pushing a shopping cart
 - b) A parachute slowing down a skydiver
 - c) A ball rolling slower on grass than on a smooth floor
 - d) A magnet picking up nails
 - e) An apple falling from a tree
-

Section 4: True or False

1. Friction can make objects move faster.

 2. Gravity only works on objects in space.

 3. Air resistance can slow down falling objects.

 4. Magnetic force can only push objects away.

 5. A force is always visible.

-

Section 5: Short Answer Questions

1. What happens when you slide something on a smooth surface compared to a rough surface?

2. Why does a magnet stick to a refrigerator?

3. What is air resistance? Name one object it affects.

4. How does gravity help us in daily life?

5. Can you name one example where you use a push force and one where you use a pull force?

Section 6: Force Scenarios

Read and Answer:

1. You are trying to move a heavy box across the floor. What type of force will help you stop the box from sliding too quickly?

2. You are throwing a Frisbee into the wind. What force might slow it down?

3. A magnet sticks to a metal door. What kind of force is this?

4. A leaf falls slowly from a tree. What two forces are acting on the leaf?

Section 7: Creative Activity

Design an Experiment!

Write or draw how you would test the strength of a magnet. For example, you could test how many paperclips it can hold.

Explore the world of forces around you and see how they affect everyday life! 😊

BE CHAMPION