

Name \_\_\_\_\_



## Push or Pull?

### What is Force?

Imagine you have a toy car. If you want that car to move, you might give it a little push or pull. The action of making it move, whether you're pushing or pulling, is called a force. It's like a little invisible hand that can make things move, stop, or change direction.

### Push vs. Pull Forces

A push is when you apply force away from you. Imagine you're trying to slide a heavy box across the floor. If you press against it to make it move away from you, you're using a push force.

### Examples of Push Forces

1. Pushing a door open.
2. Sliding a book across a table.
3. Pressing the button on a remote control.

A pull is when you apply force towards you. Think of opening a drawer. You grab the handle and pull it towards you, so you're using a pull force.

### Examples of Pull Forces

1. Pulling a sled up a hill.
2. Dragging a suitcase behind you.
3. Tugging on a rope in a game of tug-of-war.

**Instructions:** For each scenario, determine whether a push force or a pull force is being applied. Write "Push" or "Pull" in the blank space next to each description.

Scenario Description	Push / Pull
Opening a drawer	
Closing a door	
Making a swing move higher	
Dragging an object towards you	
Sliding a book across a table	
Tugging a rope in a tug-of-war	
Wheeling a barrow in your garden	
Carrying a wheeled suitcase behind you	

### Bonus Question

Explain why it's important to consider both push and pull forces in everyday activities.