

Touch Makes Motion

Find forces that work when objects touch.

2.2.a "forces from direct contact can cause an object to move;"

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each word or group of words that tells what touched an object. Circle the object that moved or stopped.

Forces You Can See

- ① Ava put a toy car at the top of a flat ramp. It stayed still. Then she placed one hand behind it and gave it a gentle push. Her hand touched the car, and the car rolled down the ramp.
- ② At recess, Malik kicked a soccer ball with his foot. His foot touched the ball, so it moved across the grass. Later, a friend stopped the ball by putting both hands on it. The hands touched the ball and made it stop.
- ③ Direct contact means two objects touch. A push, a pull, and a kick are forces from direct contact. These forces can make an object begin moving, speed up, slow down, or stop. When you see an object move, look for what touched it.

2 ANSWER WITH EVIDENCE Use the passage

1 What touched the toy car and made it roll?

2 What touched the soccer ball when Malik made it move?

3 What happened when the friend's hands touched the soccer ball?

3 YOUR TURN Your own words

Draw two panels. In Panel 1, draw an object that is still. In Panel 2, draw something touching the object and making it move. Label what touches the object and what moves.



PART 1 • READ AND MARK

Underline each word or group of words that tells what touched an object. Circle the object that moved or stopped. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What touched the toy car and made it roll?	Ava's hand touched the toy car and made it roll.
2	What touched the soccer ball when Malik made it move?	Malik's foot touched the soccer ball.
3	What happened when the friend's hands touched the soccer ball?	The soccer ball stopped.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Panel 1: A small box sits still. Panel 2: A hand pushes the box. Labels: hand, box moving.

Accept any accurate example in which one object touches another object and causes it to move. Labels should identify both the touching object and the object that moves.