

Forces at Work

Read how pushes, pulls, squeezes, and turns help people.

2.2.c "forces have applications in our lives."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each sentence that tells how a push, pull, squeeze, or turn helps someone do something. This will show how forces are useful in daily life.

Forces People Use

- ① At a playground, Maya uses a force when she pushes a swing. Her push makes the swing start moving. A stronger push can make it move faster, while a gentle push changes its motion less.
- ② At home, people use forces with tools. Pulling a drawer opens it. Squeezing a sponge changes its shape and pushes water out. Turning a doorknob uses a force to help open a door.
- ③ Forces can help people work, play, and stay safe. A bicycle rider squeezes the brake levers. The brakes use force on the wheel, slowing the bicycle. Knowing when to push, pull, squeeze, or turn helps people use forces safely.

2 ANSWER WITH EVIDENCE _____ Use the passage

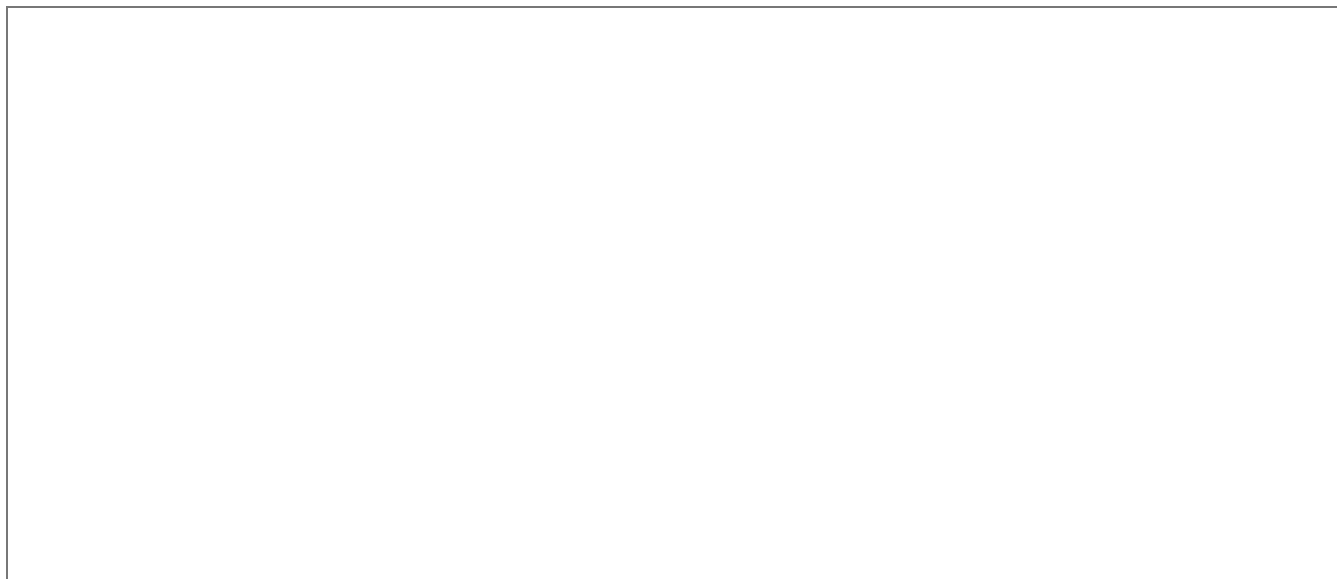
1 What does Maya's push help the swing do?

2 Name two ways forces help people at home.

3 How do bicycle brakes use force, and what happens to the bicycle?

3 YOUR TURN _____ Your own words

Draw yourself using a push or pull in an everyday activity. Write two sentences that name the force and tell how it helps you.



PART 1 • READ AND MARK

Underline each sentence that tells how a push, pull, squeeze, or turn helps someone do something. This will show how forces are useful in daily life. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	What does Maya's push help the swing do?	It helps the swing start moving.
2	Name two ways forces help people at home.	Pulling a drawer opens it, and squeezing a sponge changes its shape and pushes water out. Turning a doorknob to open a door is also correct.
3	How do bicycle brakes use force, and what happens to the bicycle?	The brakes use force on the wheel, and the bicycle slows down.

PART 3 • YOUR TURN (SAMPLE ANSWER)

I push a shopping cart. My push helps the cart move through the store.

Accept any realistic everyday push or pull and an explanation of what it helps move, stop, open, close, or change. The drawing and sentences should match.