

Push Power

See how stronger forces change motion.

SC.2.P.13.4 "Demonstrate that the greater the force (push or pull) applied to an object, the greater the change in motion of the object."

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline the words that tell how strong each push or pull is. Circle the words that tell how the truck's motion changed.

Mia Tests a Toy Truck

- ① At recess, Mia rolled a toy truck across the floor. First, she gave it a small push with one finger. The truck moved slowly and stopped near the blue tape line.
- ② Then Mia set the truck at the same starting spot. She pushed it harder with her whole hand. The stronger push made the truck move faster and roll past the tape line.
- ③ Later, Mia used a string to pull the truck. A gentle pull moved it a little. A strong pull made it speed up more and travel farther across the floor.

2 ANSWER WITH EVIDENCE Use the passage

1 How did the truck move after Mia gave it a small push?

2 What changed when Mia used a stronger push?

3 How was the strong pull different from the gentle pull?

3 YOUR TURN Your own words

In the two panels, draw the same ball after a gentle push and after a stronger push. Write one sentence under each panel telling how the ball moves.



PART 1 • READ AND MARK

Underline the words that tell how strong each push or pull is. Circle the words that tell how the truck's motion changed. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	How did the truck move after Mia gave it a small push?	It moved slowly and stopped near the blue tape line.
2	What changed when Mia used a stronger push?	The truck moved faster and rolled past the tape line.
3	How was the strong pull different from the gentle pull?	The strong pull made the truck speed up more and travel farther. The gentle pull moved it only a little.

PART 3 • YOUR TURN (SAMPLE ANSWER)

A gentle push makes the ball roll slowly a short distance. A stronger push makes the ball roll faster and farther.

Accept answers that show a greater push or pull causes a greater change in motion, such as moving faster or traveling farther. For Your Turn, the same object should be shown with a gentle force and a stronger force.