



Force & Motion

Name: _____

Date: _____

Grade: Grade 2

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A big push moves a ball a _____ distance than a small push.
2. A gentle tap on a toy car will make it move only a _____ way.
3. If two kids pull a wagon with more force, it speeds up _____ than with one kid.
4. A strong wind can push a sailboat _____ across the water than a weak breeze.
5. The harder you kick a soccer ball, the _____ it rolls.
6. A tiny push on a heavy box might not move the box at _____.
7. Bigger forces make objects move _____ changes in speed than small forces do.
8. Pulling a sled with more people adds up to a _____ total force.
9. A small push on a ball on smooth ice can still make it travel a long _____.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Small push on a marble	→ _____	Rolls a very long distance down a field
Big kick on a soccer ball	→ _____	Adds forces to pull more quickly
Two kids pulling a wagon	→ _____	Rolls just a few inches slowly
Gentle tap on a toy car	→ _____	Moves only a short way before stopping

Answer Key · Force & Motion · Grade: Grade 2

Part A: Fill in the Blank

Write the missing word or number on each line.

1. A big push moves a ball a farther distance than a small push.
2. A gentle tap on a toy car will make it move only a short way.
3. If two kids pull a wagon with more force, it speeds up faster than with one kid.
4. A strong wind can push a sailboat faster across the water than a weak breeze.
5. The harder you kick a soccer ball, the farther it rolls.
6. A tiny push on a heavy box might not move the box at all.
7. Bigger forces make objects move bigger changes in speed than small forces do.
8. Pulling a sled with more people adds up to a bigger total force.
9. A small push on a ball on smooth ice can still make it travel a long distance.

Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Small push on a marble	→ <u>Rolls just a few inches slowly</u>	Rolls a very long distance down a field
Big kick on a soccer ball	→ <u>Rolls a very long distance down a field</u>	Adds forces to pull more quickly
Two kids pulling a wagon	→ <u>Adds forces to pull more quickly</u>	Rolls just a few inches slowly
Gentle tap on a toy car	→ <u>Moves only a short way before stopping</u>	Moves only a short way before stopping