



Force & Motion

Name: _____

Date: _____

Grade: Grade 2

Part A: Sort the Words

Sort each word or number into the correct category box.

a ball rolling down a hallway

a carousel spinning in a park

a pendulum swinging in a clock

a runner sprinting to the finish line

a kite darting in strong wind

a Ferris wheel turning slowly

a rocking chair rocking gently

a paper plane flying forward

Straight-line motion

Circular, zigzag, or back-and-forth motion

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A ball that rolls down a long hallway moves in _____ motion.
2. A merry-go-round spins in _____ motion around its center.
3. A swinging pendulum shows _____ motion because it moves side to side.
4. A kite that darts left and right in the wind shows _____ motion.
5. A Ferris wheel turns in _____ motion, carrying riders around a big loop.

Part C: True or False?

Read each statement. Circle True or False.

1. A rocking chair moves in back-and-forth motion. True False
2. A runner sprinting straight to the finish line moves in circular motion. True False
3. Zigzag motion changes direction many times. True False
4. A spinning top moves in straight-line motion. True False

Part A: Sort the Words

Sort each word or number into the correct category box.

a ball rolling down a hallway a carousel spinning in a park a pendulum swinging in a clock
a runner sprinting to the finish line a kite darting in strong wind a Ferris wheel turning slowly
a rocking chair rocking gently a paper plane flying forward

Straight-line motion

Circular, zigzag, or back-and-forth motion

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A ball that rolls down a long hallway moves in straight motion.
2. A merry-go-round spins in circular motion around its center.
3. A swinging pendulum shows back-and-forth motion because it moves side to side.
4. A kite that darts left and right in the wind shows zigzag motion.
5. A Ferris wheel turns in circular motion, carrying riders around a big loop.

Part C: True or False?

Read each statement. Circle True or False.

1. A rocking chair moves in back-and-forth motion. True False
2. A runner sprinting straight to the finish line moves in circular motion. True False
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