

Name: _____ Date: _____

Answer Key: Why Does the Snail Always Lose? 2nd Grade Motion Mystery Quiz

Students classify types of movement and identify changes in speed through concrete observation and recall of everyday objects in motion.

1. If a toy car is moving across the floor and then it stops, what has changed?

Answer: B) Its position

Motion means an object is changing its position or where it is located.

2. A swing going back and forth is a type of motion.

Answer: A) True

Motion is any kind of movement, including swinging, spinning, or sliding.

3. When a cheetah runs faster than a turtle, the cheetah has more _____.

Answer: C) Speed

Speed describes how fast an object moves from one place to another.

4. Which of these shows an object speeding up?

Answer: C) A sled starting to slide down a snowy hill

As a sled goes down a hill, it moves faster and faster, which is called acceleration.

5. Weight tells us which direction an object is moving.

Answer: B) False

Weight tells us how heavy something is, not which direction it is moving.

6. A marble rolling across a rug will _____ because of the bumpy surface.

Answer: C) Slow down

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Objects slow down when they lose speed, often caused by the surface they touch.

7. What are you measuring if you check how many minutes it takes to walk to the cafeteria?

Answer: B) Time

We use time to help figure out how fast or slow something is moving.

8. If you push a toy car, you are putting it into motion.

Answer: A) True

A push or pull makes an object start moving or change its position.

9. Movement in a straight line, like a train on a track, is a pattern of _____.

Answer: A) Motion

Motion is the word scientists use to describe anything that is moving.

10. Which animal usually moves with the slowest speed?

Answer: C) A crawling snail

A snail takes a long time to move a short distance, which means it has a very low speed.