

Name: _____ Date: _____

Marvelous Moving Magic: Kindergarten Kinematics Quiz

Visualize and verify how animals and objects change speed or direction through interactive scenarios designed for young observers.

1. A turtle is crawling slowly to a leafy snack. Suddenly, a hungry bird flies by very fast! Which one is moving with more speed?

- A. The slow turtle
- B. The fast bird
- C. The green leaf
- D. They are moving the same

2. Imagine you are pushing a toy fire truck. If you want the truck to move even faster, you are using _____.

- A. Slumber
- B. Colors
- C. Acceleration
- D. Stopping

3. True or False: If a marble rolls from the blue rug to the red rug, its position has changed.

- A. True
- B. False

4. A busy honeybee flies to a yellow flower, then turns and flies to a white flower. What did the bee change?

- A. Its name
- B. Its direction
- C. Its stripes
- D. Nothing changed

5. True or False: A swing at the park only moves in one straight line forever.

- A. True
- B. False

6. When a sliding penguin hits a patch of grass and begins to move slower and slower, we say it is _____.

- A. Slowing down
- B. Flying up
- C. Getting hotter
- D. Growing bigger

7. Which of these looks like a 'zig-zag' motion?

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- A. A ball falling straight down
- B. A car parked in a garage
- C. A lizard running left, then right, then left
- D. A sleeping kitten

8. To describe where a toy robot is located, like 'under the table' or 'next to the block,' you are talking about its _____.

- A. Weight
- B. Position
- C. Color
- D. Battery

9. True or False: An object can change its position without moving.

- A. True
- B. False

10. If you roll a toy car across the floor and it hits a wall and stops, what happened to its motion?

- A. The motion started
- B. The motion ended
- C. The car got faster
- D. The car turned into a plane