

Post-Activity Evaluation **Answers**

1. I have fun while I am learning in school. (circle one)

I strongly agree I agree I am neutral I disagree I strongly disagree

2. I can identify the units used to measure speed, time and distance.

I strongly agree I agree I am neutral I disagree I strongly disagree

3. I know how to measure distance traveled and time elapsed to determine the speed of an object.

I strongly agree I agree I am neutral I disagree I strongly disagree

4. Robots are useful in conducting scientific investigations.

I strongly agree I agree I am neutral I disagree I strongly disagree

5. I would like to continue use robots in science and mathematics lessons.

I strongly agree I agree I am neutral I disagree I strongly disagree

6. What two measurements do you need to know about an object's journey to determine its speed?

The distance traveled and the time it takes to cover that distance.

7. What is the equation to determine the speed of an object?

Length divided by time

8. If a mouse runs 30 cm in a straight line in 6 seconds, what is the mouse's speed? (circle one)

A. 30 centimeters/second

B. 4 centimeters/second

C. 6 seconds

D. 1 centimeter/second

E. 5 centimeters/second

9. Which of the following is a unit of speed?

A. kilograms/meter

B. kilometers/hour

C. centimeters/meter

D. seconds/centimeter

E. seconds

10. If a blue car travels at 5 m/s and a red car travels 20 meters in 2 seconds, which car is traveling faster?

The red car is traveling at $\frac{20 \text{ meters}}{2 \text{ seconds}} = 10 \text{ m/s}$, thus the red car is traveling faster.