

Answer Key with Questions

Lesson Check: Motion

1) Fill in the blanks using the available answer choices.

Words such as *above* and *below* describe an object's _____.
(Blank 1)

Blank 1 options

- speed
- position

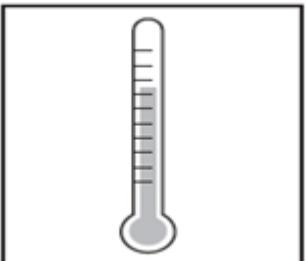
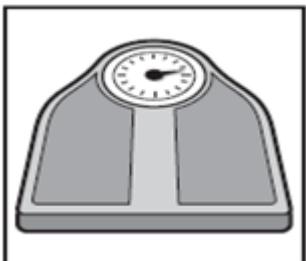
Correct Answer

position

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2) Which object can be used to measure distance?



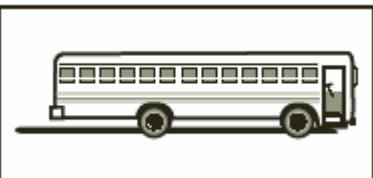
Correct Answer



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3) A bus traveled 35 kilometers in one hour. Which is the speed of the bus?



- 70 kilometers per hour
- 35 kilometers per hour
- 25 kilometers per hour
- 10 kilometers per hour

Correct Answer

35 kilometers per hour

4) Describe how to find the speed of an object in motion.

Correct Answer

Answers may vary.

Explanation

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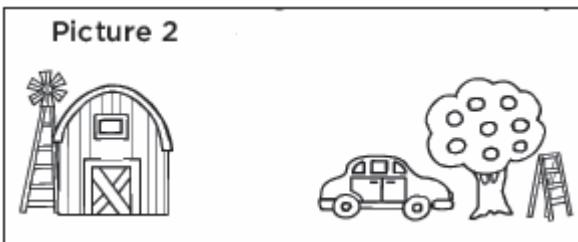
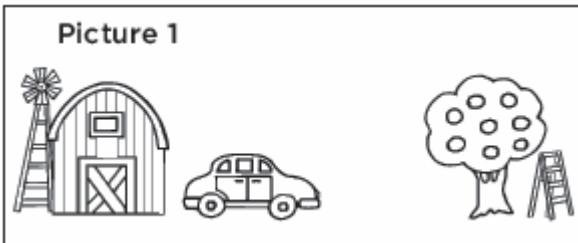
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5) The words *forward* and *backward* describe an object's _____.

Correct Answer

Blank 1: direction

6) Which is the new position of the car in picture 2?



- near the barn
- far from the tree
- near the tree
- in the barn

Correct Answer

near the tree

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7) A marble has to roll down a ramp and then travel a distance of 3 m. The ramp's height is supported by 4 books. When the marble rolls down, it travels only 2 meters. How can the ramp be modified to increase the distance the marble travels?

Correct Answer

Answers may vary.

Explanation

8) Fill in the blanks using the available answer choices.

_____ is the space between two objects and can be measured using a tape measure.
(Blank 1)

Blank 1 options

- Distance
- Direction

Correct Answer

Distance

9) Motion is the process of changing _____.

Correct Answer

Blank 1: position

Answer Key with Questions

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10) Fill in the blanks using the available answer choices.

An object is in motion if its location _____.
(Blank 1)

Blank 1 options

- stays constant
- changes

Correct Answer

changes