Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade 8 Science \_\_\_\_

Speed Questions

*Directions: Write the letter of the correct response on the space to the left.*

\_\_\_\_\_1. Maria lives 100 kilometers from her grandmother’s house. If Maria and her family started their trip at 1:00PM and arrived at their grandmother’s house at 2:15PM, what was their average speed?

1. 100 km/hr b. 80 km/hr c. 75 km/hr d. 60 km/hr

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| --- |
|  |

\_\_\_\_\_3. Emily lives 30 kilometers from school. She can ride her bike to school in 2 hours. What is Emily’s average speed when she rides her bike to school?

1. 3 km/min b. 10 km/min c. 18 km/hr d. 15 km/hr

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| --- |
|  |

\_\_\_\_\_4. The table below lists the distance to school and the time it takes to travel that distance for four eighth-grade students. Which student travels to school at the fastest speed?

|  |  |  |
| --- | --- | --- |
| **Student** | **Distance (m)** | **Time (min)** |
| **1** | 100 | 5 |
| **2** | 100 | 10 |
| **3** | 100 | 7 |
| **4** | 100 | 22 |

1. Student 1 b. Student 2 c. Student 3 d. Student 4