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

CALCULATING AVERAGE SPEED

*Directions: Using the speed formula, calculate the average speed in each of the following problems. Show your work in the box provided and circle your final answer.*

1. A train heading to Boston from Washington D.C. travels 80km in one hour, 200km in 2 hours, and 420km in 4 hours. What is the train’s average speed?

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2. John is riding his bicycle to his college. He travels 5km in 30 minutes, then speeds up and travels the final 10km in 30 minutes. What is John’s average speed?

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3. The airplane at JFK airport travel 10km in 15 minutes. The airplane then travels 1,000km in 2 hours. It takes 15 minutes to travel the last 10km at its destination. What is the airplane’s average speed?

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