Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Speed Practice Problems

*Directions: Use the charts below to help assist you in solving the word problems.*

1. **What is the average speed of a car that traveled 300.0 miles in 5.5 hours?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **A bicyclist travels 60.0 kilometers in 3.5 hours. What is the cyclist’s average speed?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **Calculate the average speed of a car stuck in traffic that drives 12 kilometers in 2 hour.**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **How much time would it take for the sound of thunder to travel 1,500 meters if sound travels at a speed of 330 m/s?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **How long would it take you to swim across a lake that is 900 meters across if you swim at 3 meters per second?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **How much time would it take for an airplane to reach its destination if it traveled an average speed of 800 kilometers per hour for a distance of 2400 kilometers?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **A snail can move approximately 0.3 meters per minute. How many meters can the snail cover in 15 minutes?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **How far will you travel if you run for 10 minutes at 2 meters per second?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |

1. **Suppose you are able to walk home from school. It usually takes you 30 minutes to get home when you walk at a speed of 5 kilometers per hour. How far away from the school do you live?**

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| What do I know? |  |
| What am I solving for? |  |
| Set up equation and solve. |  |