

Name: _____ Date: _____ Class: _____

Appendix F: Differentiated Speed Calculation Worksheet

Formula: $\text{speed} = \text{distance} / \text{time}$

Directions: Solve each of the problems below. Your answer should be in miles per hour unless the problem says otherwise.

1. A snail moves 20 inches in 3 hours. What is the speed of the snail?
2. If you sail for 9 hours on a river and travel 54 miles, how fast were you moving?
3. My grandma loves going on roller coasters. She wants to go on the fastest coaster. Would she rather ride the coaster that goes 2 miles in 30 minutes or a coaster that moves 5 miles in 55 minutes? Why?
4. A man fell out of a tree that was 30 feet high. He hit the ground in 4 seconds. What was the speed at which he was falling? (answer in feet per second)
5. If the mailman has to travel 34 miles a day and he works for 7 hours, what is his average speed?