

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

# Speed Practice Problems Worksheet

Directions: Use one of the following formulas to solve for speed, time, or distance:

$$\text{speed} = d/t, \quad \text{distance} = s \times t, \quad \text{or time} = d/s$$

1. A car travels 300 km in 6 hours. What is the average speed of the car (in km/hr)?

Given:	Work:
Formula:	Answer:

2. What is the speed of a jet plane that flies 7200 km in 9 hours (in km/hr)?

Given:	Work:
Formula:	Answer:

3. A storm is moving toward your house at a speed of 20 km/hr. It is now 60 km away from your house. In what time will the storm reach your house?

Given:	Work:
Formula:	Answer:

4. A swimmer can swim at a speed of 2.8 m/s for 6 minutes. What distance will she cover in that time?

Given:	Work:
Formula:	Answer:

5. What is the average speed of a walker who walks 500 m in 400 seconds?

Given:	Work:
Formula:	Answer:

6. A truck travels down the highway at a speed of 110 km/hr. How long does the trip last if the truck covered 2200 km?

Given:	Work:
Formula:	Answer:

7. You are traveling at 100 km/hr to make it to work on time. You have to be to work in .25 hr or you will be late. You have 16 km to travel. Will you make it to work on time?

Given:	Work:
Formula:	Answer:

8. At dinner you got mad and threw your burrito at a speed of 4 m/s. It flies for 18 seconds through the air. How much distance did the burrito cover?

Given:	Work:
Formula:	Answer: