

Speed Word Problems

Level One

Directions: Use the speed formula (speed = distance \div time) to solve the following word problems. Be sure to round to the nearest hundredth and show your work!

1. If Steve throws the football 50 meters in 3 seconds, what is the average speed of the football?
2. If Justin races his Chevy S-10 down Highway 37 for 2,560 meters in 60 seconds, what is his average speed?
3. Tina's observations of her tarantula found that the spider was able to cover 20 centimeters in 5 seconds. What was her spider's average speed?
4. If it takes Ashley 3 seconds to run from the batter's box to first base at an average speed of 6.5 meters per second, what is the distance that she covers?
5. Bart ran 5000 meters from the cops at an average speed of 6 meters/second before he was caught. How long did he run?
6. Mike rides his motorcycle at an average speed of 20 meters/second for 500 seconds. How far did he ride?
7. Sara backstrokes at an average speed of 8 meters/second, how long will it take her to complete a 200 meter race?
8. Calculate the average speed of a lion that runs 45 meters in 5 seconds.
9. John drove for 3 hours at a rate of 50 miles per hour. How far did John travel?
10. A cheetah can run 68-75 miles per hour! Would this be considered an instantaneous speed, a constant speed, or an average speed? Explain.