

More Practice Calculating Speed

Name _____
Period _____

1. A baseball player throws a baseball. The ball traveled 35 yards before it landed on the ground. The ball stayed in the air for 3.8 seconds. What is the average speed of the ball?
2. Mike hit a long fly ball to left field. The left fielder picked up the ball and threw it 125 feet to the third baseman. The ball was in the air for 4 seconds. Then the third baseman relayed the ball to the catcher to make the play at home plate. Home plate was 97 feet away and the ball was in the air for another 3 seconds. What was the average speed of the ball?
3. After scoring a touchdown, the Steelers lined up for the kick off. The kicker kicked the football 60 yards deep into the end zone. The hang time on the ball was 8.5 seconds. What was the average speed of the ball?
4. If we are traveling 60 miles per hour on a trip to LA which is 240 miles away, how long will it take to get to LA assuming we can drive straight there and there are no traffic delays?
5. If a dog is running at 22 feet per second, how far will he travel after 1 minute of running?
6. Fred is riding his bike in a race to earn money for a sick boy. Fred rides his bicycle at a top speed of 17 miles per hour. If Fred gets 1 dollar for every mile he rides in a time period of 4 hours, how much money will he make for the sick boy?
7. If a giraffe runs for a half of an hour at a speed of 40 miles per hour, how far will the Giraffe run?

8. George needs to get to Hanford as fast as possible. The train leaves at 3:00PM and can travel at a speed of 60 miles per hour. If Hanford is 35 miles away, how long will it take George to get there?

9. A snail moves across the ground at a pace of 12 feet per day. If the garden is 48 feet away, how many days will it take for the snail to get there?

10. A jet airplane can travel at a speed of 500 miles per hour. How far will the plane get if it flies at full speed for $4\frac{1}{2}$ hours?

11. Sponge Bob decided to take a trip to Magic Mountain. He left Fresno at 8:15 AM in the morning. He arrived in Delano at 10:15 and had breakfast. Then he continued until he reached the Bakersfield and where he stopped to go to the bathroom. After 15 minutes he continued until he reached Magic Mountain at 12:15 PM. The trip was a total distance of 165 miles. What was Sponge Bob's average speed for the whole trip?

12. Scooby set up 500 dominoes with a space of 3 cm between each domino. The total distance of the dominoes was 26 meters. When he knocked them over, the dominoes fell for 21 seconds. What was the average speed of the falling dominoes?

13. Big Bird decided to visit three of his friends. He got in his car and drove to Elmo's house. It took Big Bird 10 minutes to drive the 5 miles. After visiting with Elmo for 30 minutes, he headed to Bert and Ernie's house. This drive covered 15 miles and took 20 minutes. After a 25 minute stay, Big Bird headed to the Cookie Monsters house. The Cookie Monsters house was 10 miles away and it took Big Bird another 15 minutes to get there. Because the Cookie Monster wasn't home, he was only there for 5 minutes. Big Bird then headed home, a trip that was 20 miles away and took him 25 minutes. What was the average speed for Big Bird's whole trip?