

Calculating Speed Practice

Name _____
Date _____
Period _____

1. A camel walked across the desert. He started at 3:00 PM and arrived at his favorite watering hole at 11:00 PM. He walked a total of 3 miles. What was his average speed in MPH for this trip?

$$\text{Speed} = \frac{\text{Distance}}{\text{Time}}$$

2. The Smith family has just won tickets to Disneyland. They all packed in the car and drove for 2 hours to a restaurant at the bottom of the Grapevine. The distance was 110 miles. After they were done eating they continued their trip driving 2 more hours and 125 more miles. What is their average speed for the entire trip?

3. Fred and Jim are both good bowlers. They both think that they can throw the bowling ball the hardest so they decided to have a contest. Fred rolled the ball down the 50 foot alley and after 3.5 seconds the ball hit the pins. Jim then rolled the ball down the alley and his ball hit the pins after 3.3 seconds. Who can throw the ball faster? How many feet per second faster?

4. Did you answer both questions in question 3 above? If so, calculate the speed of an air plane that travels 550 miles over a 60 minute period. After arriving at its destination the plane sits for 32 minutes as the passengers are unloaded. The plane then returned to its starting location. The return took only 52 minutes. What was the planes average speed for the whole trip?

5. If a jogger can run a mile in 8 minutes. If the jogger can maintain the same pace throughout the whole race, how long will it take for a jogger to run a 26 mile race?