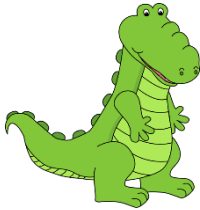
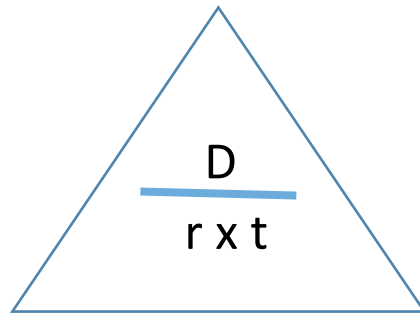


Name: _____

Math6



Distance = rate x time



Solve the problems below using the work formula: Distance = rate x time.

1. If Adam's plane traveled at a constant speed of 375 miles per hour for 6 hours, how far did the plane travel?

2. A Salt March Harvest Mouse ran a 360 centimeter straight course race in 9 seconds. How fast did it run?

3. Another Salt Marsh Harvest Mouse took 7 seconds to run a 350 centimeter race. How fast did it run?

4. A slow boat to China travels at a constant speed of 17.25 miles per hour (mph) for 200 hours. How far was the voyage?

5. The Sopwith Camel was a British, First World War, single-seat, biplane fighter introduced on the Western Front in 1917. Traveling at its top speed of 110 mph in one direction for 2.5 hours, how far did the plane travel?
6. A world-class marathon runner can finish 26.2 miles in 2 hours. What is the rate of speed for the runner?
7. Banana slugs can move at 17 cm per minute. If a banana slug travels for 5 hours, how far will it travel?

8. Chris Johnson ran the 40-yard dash in 4.24 seconds. What is the rate of speed? Round your answer to the nearest hundredths.
9. I drove my car on cruise control at 65 miles per hour for 3 hours without stopping. How far did I go?
10. On the road trip, the speed limit changed to 50 miles per hour in a construction zone. Traffic moved along at a constant rate (50 miles per hour) and it took me 15 minutes (0.25 hours) to get through the zone. What was the distance of the construction zone? (Round your response to the nearest hundredths of a mile.)