Lesson Summary

Distance, rate, and time are related by the formula .

Knowing any two of the values allows the calculation of the third.

Problem Set

1. If Adam’s plane traveled at a constant speed of miles per hour for six hours, how far did the plane travel?
2. A Salt March Harvest Mouse ran a centimeter straight course race in seconds. How fast did it run?
3. Another Salt Marsh Harvest Mouse took seconds to run a centimeter race. How fast did it run?
4. A slow boat to China travels at a constant speed of miles per hour for 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 in one direction for hours, how far did the plane travel?
6. A world-class marathon runner can finish miles in hours. What is the rate of speed for the runner?
7. Banana slugs can move at per minute. If a banana slug travels for hours, how far will it travel?