

Name _____

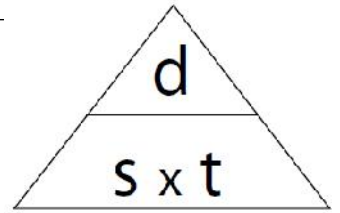
8th Grade Science

Class _____

Date _____

Homework 3-4: Speed and Motion

1. What is motion?
2. What is average speed?



Use the triangle to help you remember the equations.

Cover the quantity you want to find and the triangle will show you how to work it out.

3. A cart traveled 100cm in 2.80 seconds, what is the speed of the cart?
4. The same cart is released from a higher point and travels 100cm in 3.12s. Find the speed of the cart. Does the speed you got on the second run make sense to you? Explain.
5. A car is travelling at 70 mph. It travels for half an hour. How far has it gone?