Name:

Review: Matter in Motion

1. What is motion?
2. Describe something in motion that you can’t see moving.
3. What should you look at to determine if an object is in motion?

4. What is the difference between average and actual speed?

1. What is velocity?
2. How are speed and velocity different? How are speed and velocity similar?

1. State 3 examples of UNITS to show how fast something moves.
2. What is acceleration?
3. State 3 examples of UNITS of acceleration.
4. What is deceleration?

11. What formulas do you need to know for this unit? Write them below.

12. What is the speed of a baseball player running 15 m from first base to second base in

1.5 seconds?

13. A car travels 250 m northeast in 10 seconds. What is its velocity?

14. From rest, a cockroach can run 1.25 m/s in 10 seconds. What is its acceleration?