**Physical Science NCFE Guided Review/Questions Standard 1.1**

Distance/Displacement/Speed/Velocity

Distance = Displacement =

Speed = Velocity =

Equation:

Acceleration

3 Ways to change it:

1.

2.

3.

Equation:

Momentum

Depends on: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Examples for change in momentum:

1.

2.

3.

Equation:

Showing Motion on a Graph

*Label the following motion types on the graph: constant velocity/speed, object at rest, positive acceleration, change in direction*



Solve/Interpret:

1. What is the object’s average velocity at 130 seconds?
2. What is the object’s acceleration between points C and D?



Label: positive acceleration, negative acceleration, constant velocity