Worksheet - Graphing Motion Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Instructions: Refer to the following four graphs to answer the questions below.**

 

 

**1.** Velocity is the slope of what graph?

**2.** Acceleration is the slope of what graph?

**3.** The horizontally flat section on graph D represents an object doing what?

**4.** The horizontally flat section on graph A represents an object doing what?

**5.** The initial upward section on graph D represents an object doing what?

**6.** The initial upward section on graph A represents an object doing what?

**7.** What are the units of the slope of graph A?

**8.** What are the units of the slope of graph B?

**9.** What are the units of the slope of graph C?

**10.** What are the units of the slope of graph D?

**11.** The downward section on graph A that passes through the x-axis represents an object doing what?

**12.** The downward section on graph D that passes through the x-axis represents an object doing what?