1. What is the relationship between velocity and time for an object in free fall?

A. velocity stays the same

B. velocity decreases in magnitude over time

\*C. velocity increases in magnitude over time

2. What is the equation for the spring constant?

A. F=d

B. F=kd^2

\*C. F=kd

3. I am moving at [10] m/s. How long will it take for me to travel [50] meters?

4. The rate of the change of the angle is [1] radians per second. How long will it take to sweep out [5] radians?