

Principles of Technology - Motion Review

- 1) The length of the total path an object travels is its _____.
- 2) _____ and _____ are measured in meters.
- 3) The shortest straight line path between an object's starting and ending points is its _____.
- 4) If you start and end at the same spot, your _____ is zero.
- 5) How fast or slow an object is moving is its _____.
- 6) Distance/time is what? _____
- 7) _____ is measured in meters/second (m/s).
- 8) 35 m/s is a _____.
- 9) How fast or slow something is moving in a specific direction is _____.
- 10) Distance/time with direction is what? _____.
- 11) _____ is measured in meters/second with direction.
- 12) 58 m/s North is a _____.
- 13) If the direction changes, what happens to the velocity? _____
- 14) Objects that are speeding up or slowing down are examples of _____.
- 15) _____ is measured in meters/second squared (m/s²).
- 16) If an object is accelerating positively, it is _____.
- 17) If an object has negative acceleration, it is _____.
- 18) What is the acceleration due to gravity on Earth? _____
- 19) Freefall acceleration is constant if there is no _____.
- 20) When you throw a ball up in the air, its velocity at the top of its path is _____.