

Revision Sheet

Chapter 5 - Motion, Forces

Part A- True/False

Indicate whether the statement is true or false.

1. To calculate speed, multiply the distance by the time.
2. The average speed of a moving object is equal to the total distance traveled plus the total amount of time taken to travel it.
3. To calculate average speed, use only the total time and the total distance.
4. To find an object's velocity, you must know the speed and direction of the moving object.
5. Weight is the upward force of Earth's gravity on all objects.
6. There is only one type of force.
7. The metric unit which measures force is the Newton.
8. Net force is one force acting on an object.

Part B- Multiple Choice

Identify the choice that best completes the statement or answers the question.

____ 9. Runners competing in a race speed up and change direction as they run around a track. The runners are ____.

a. increasing electrical energy c. accelerating
b. increasing potential energy d. decelerating

____ 11. A change in an object's position is called ____.

a. motion c. distance
b. velocity d. acceleration

