

QUIZ / Current Flow

NAME

DATE

CLASS PERIOD

Put a check ✓ in the next to the correct answer.

1. What is current?
 Movement of volts Flow of electrons Splitting of electrons.
2. What will happen if a 12 volt battery is used on a 6 volt motor?
 Destroy the motor Make the motor run very slow The motor will not run
3. What will happen to the current draw on the motor if the incline was increased from 5° to 30° ?
 Remain the same Decrease Increase.
4. What symbol setting should the multimeter be on to measure current?
 \bar{A} \bar{I} \bar{V}
5. How should the multimeter be connected to the robot battery?
 Parallel At an angle Series
6. The amount of work performed is directly related to.
 Voltage Current Friction
7. 1.26 amps = how many milliamps?
 126 mA .126 mA 1,260 mA
8. What will happen to the battery when the robot starts climbing a steeper incline?
 Current reading will stay the same
 Current reading will increase
 Current reading will decrease
9. What will happen to the current reading when the drive gear is much larger than the driven gear?
 Current reading will stay the same
 Current reading will increase
 Current reading will decrease
10. What will happen to the current reading when the wheels are much larger?
 Current reading will stay the same
 Current reading will increase
 Current reading will decrease

