

Name: _____ Date: _____

Apologia Physical Science - Modules 9 - 12

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| 1. a point against which position is measured | A. Free fall |
| 2. a physical measurement that contains directional information | B. Conventional current |
| 3. a physical measurement that does not contain directional information | C. Open circuit |
| 4. the time rate of change of an object's velocity | D. Scalar quantity |
| 5. the motion of an object when it is falling solely under the influence of gravity | E. short-period comets |
| 6. the tendency of an object to resist changes in its velocity | F. Static friction |
| 7. a force that opposes motion, resulting from the contact of two surfaces | G. Inertia |
| 8. friction that opposes motion once the motion has already started | H. Electrical current |
| 9. friction that opposes the initiation of motion | I. Charging by induction |
| 10. these planets are considered the "outer planets" | J. Jupiter Saturn Uranus Neptune |
| 11. parts of a comet that come and go during a comet's orbit | K. Kinetic friction |
| 12. Kuiper Belt is thought to be a source of | L. Vector quantity |
| 13. a small "package" of light that acts like a particle | M. coma and tail |
| 14. charging an object by allowing it to come into contact with an object that already has an electrical charge | N. Friction |
| 15. charging an object without direct contact between the object and a charge | O. Photon |
| 16. the amount of charge that travels past a fixed point in an electric circuit each second | P. Resistance |
| 17. current that flows from the positive side of the battery to the negative side. (This is the way current is drawn in circuit diagrams, even though it is wrong) | Q. Acceleration |
| 18. the ability of a material to impede the flow of charge | R. Reference point |
| 19. a circuit that does not have a complete connection between the two sides of the power source. As a result, current does not flow. | S. Charging by conduction |