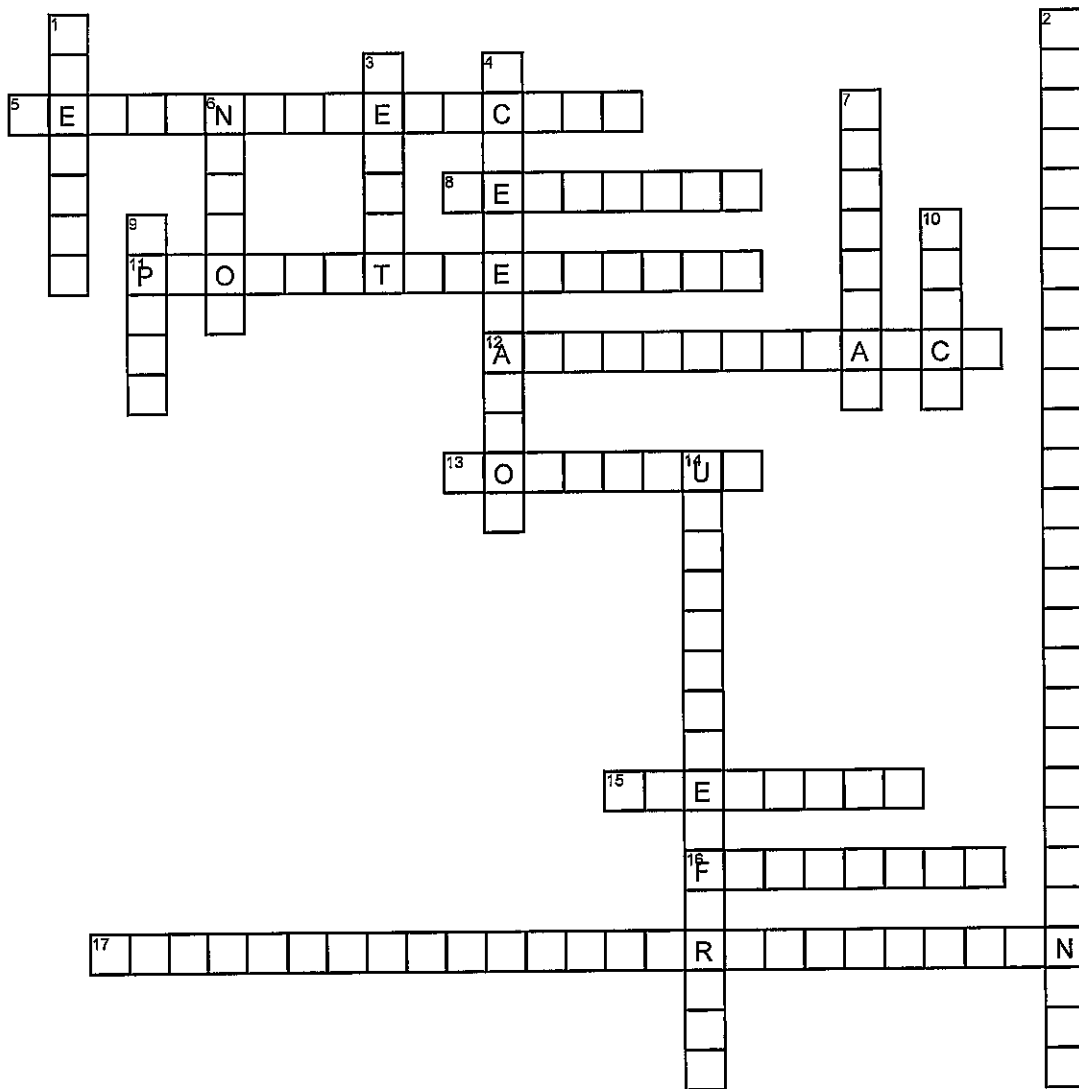


Ch. 12 Review Crossword , Science Spectrum 2008

Name _____ Date _____

Instructions: Complete the puzzle. Use the clues to help you fill the boxes with the correct words.



ACROSS

5. the constant velocity of a falling object when the force of air resistance is equal in magnitude and opposite in direction to the force of gravity
8. the combination of all forces acting on an object
11. the curved path that an object follows when thrown, launched, or otherwise projected near the surface of Earth
12. the friction that occurs between air molecules and an object
13. a quantity defined as the product of the mass and velocity of an object
15. the motion of a body when only the force of gravity is acting on the body
16. the general force that opposes motion between two surfaces that are in contact

17. the equation that represents Newton's observations on gravity

DOWN

1. the tendency of an object to resist a change in motion unless an outside force acts on the object
2. the total amount of momentum in an isolated system is conserved
3. a measure of the gravitational force exerted on an object
4. the rate at which velocity changes over time
6. the unit of measurement for force
7. a unit of measurement for mass
9. the distance traveled divided by the time interval during which the motion occurred
10. an action exerted on a body in order to change the body's state of rest or motion
14. the object will be accelerating in a specific direction