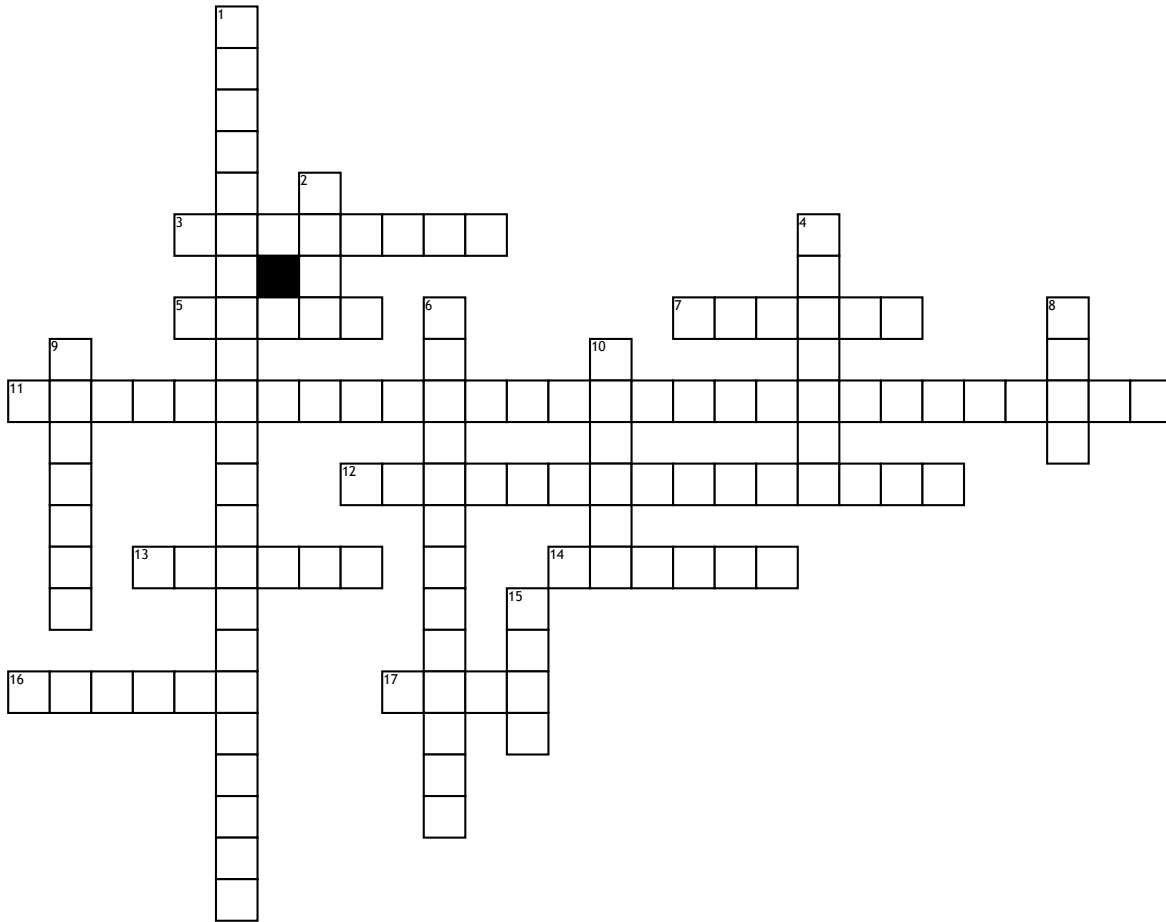


Kinetic and Potential Energy



Across

3. Joule= $\text{___} \cdot \text{m}^2/\text{s}^2$
 5. Velocity
 7. Unit of work or energy
 11. Energy stored in an object as a result of its position.
 12. Stored energy
 13. The amount of gravitational potential energy depends on mass and _____
 14. Capability to do work
 16. There is a _____ amount of energy in the universe

17. Objects with less mass will have _____ gravitational potential energy

Down

1. Energy found in materials as a result of stretching and compressing
 2. Mass affects kinetic energy (more/less) than velocity.
 4. Kinetic energy is transferred from one object to another when the two objects _____
 6. Energy that is possessed when in motion
 8. Energy is the ability to do _____
 9. What has more Kinetic energy: cheetah traveling 80 mph or a trailer traveling 80 mph?
 10. Kinetic energy and potential energy are two types of energy that are related to _____
 15. In the equation $KE=1/2 mv^2$, what does m represent?