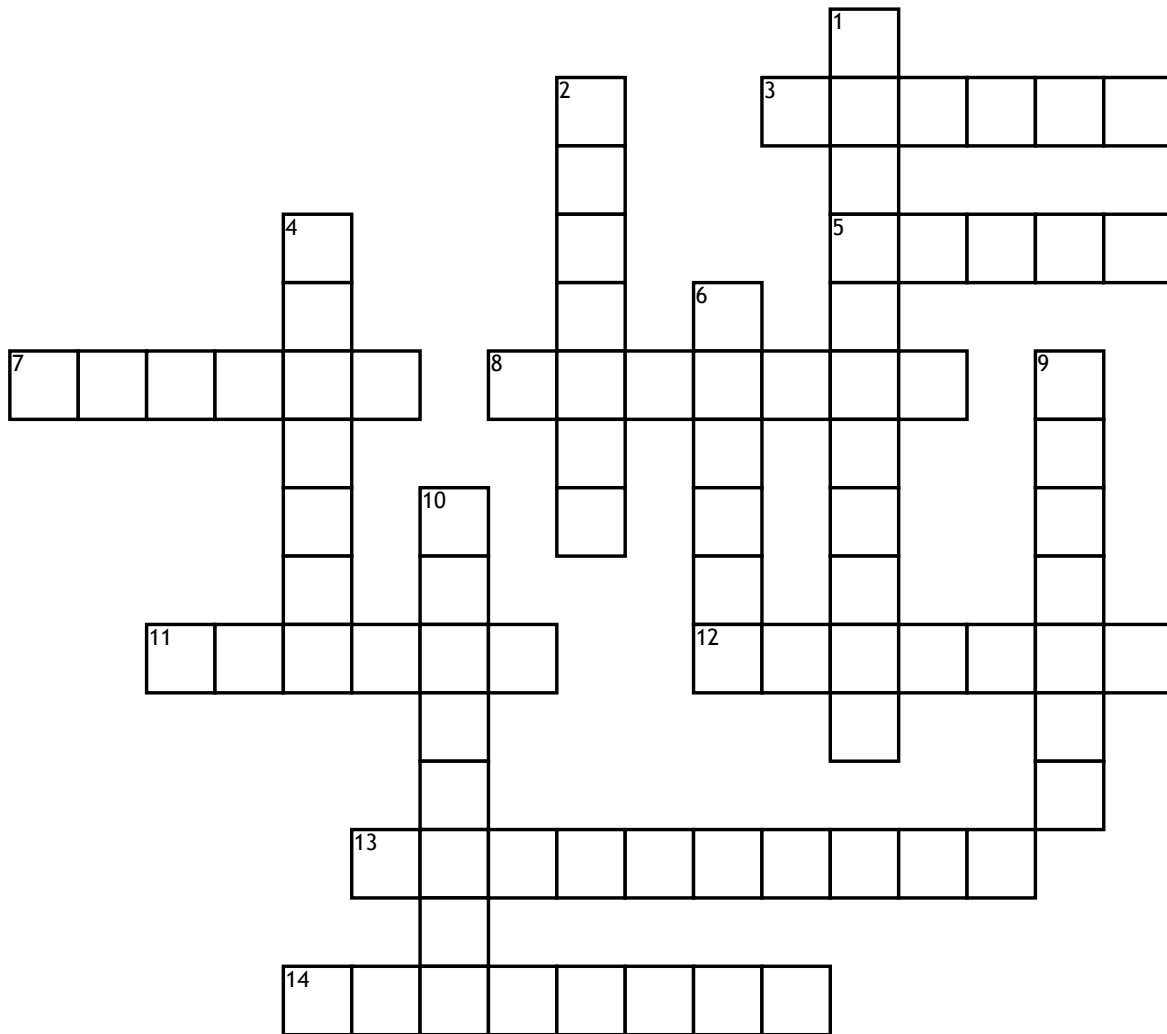


Name: _____

Date: _____

Physics Crossword



Across

- 3. the twisting force the tends to cause rotation
- 5. Newton's Second Law states, mass x acceleration = _____
- 7. A rope/chain and wheel system usaully used in combination to lift heavy objects
- 8. _____ friction, is the friction that is needed to be overcome in order KEEP an object in motion
- 11. _____ friction is the friction that is needed to be overcome in order to START an object in motion

- 12. The pulling force usually transmitted by string, cable, or similar one-dimensional continuous object
 - 13. The study of motion without reference to how it is caused
 - 14. The study of forces and torques and their effect on motion
- Down**
- 1. The _____ of Friction is the ratio of the frictional force to the normal force acting on an object
 - 2. What force is found everywhere in the universe?

- 4. An objects resistance to change in motion
- 6. mass of an object multiplied by the gravitational force acting on it = ?
- 9. Force is measured in _____
- 10. the force incountered when one object is moving against another, it acts oppositely to the objects intended motion