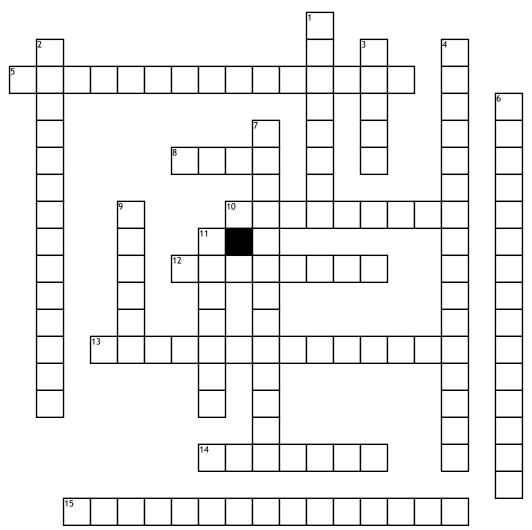
Name: ______ Date: _____

Force crossword



<u>Across</u>

- **5.** Friction between two moving surfaces.
- **8.** Newtons Triangle.
- **10.** Force, mass, and acceleration.
- **12.** Force that makes motion more difficult between objects.
- **13.** Two objects friction that results in no motion.
- **14.** An object that resists any change in motion.

15. Every action has an equal or opposite reaction.

Down

- 1. All forces combined acting upon one object.
- **2.** Scientist that created the laws of gravity and motion.
- **3.** Push or pull on one object from another.
- **4.** A force that acts on an object will case it to speed up in that direction.
- **6.** An object will remain at a constant speed until another force acts upon it.
- **7.** Forces that are equal but go in opposite directions.
- **9.** Measurement of a force which gravity pulls on.
- 11. Force that attracts two objects to each other.

Word Bank

Gravity Friction Base Units Weight
Sir Isaac Newton Newtons Second Law Net Force Kinetic Friction
Newtons First Law Force Newtons Third Law Inertia

Balanced Force F=MA Static Friction