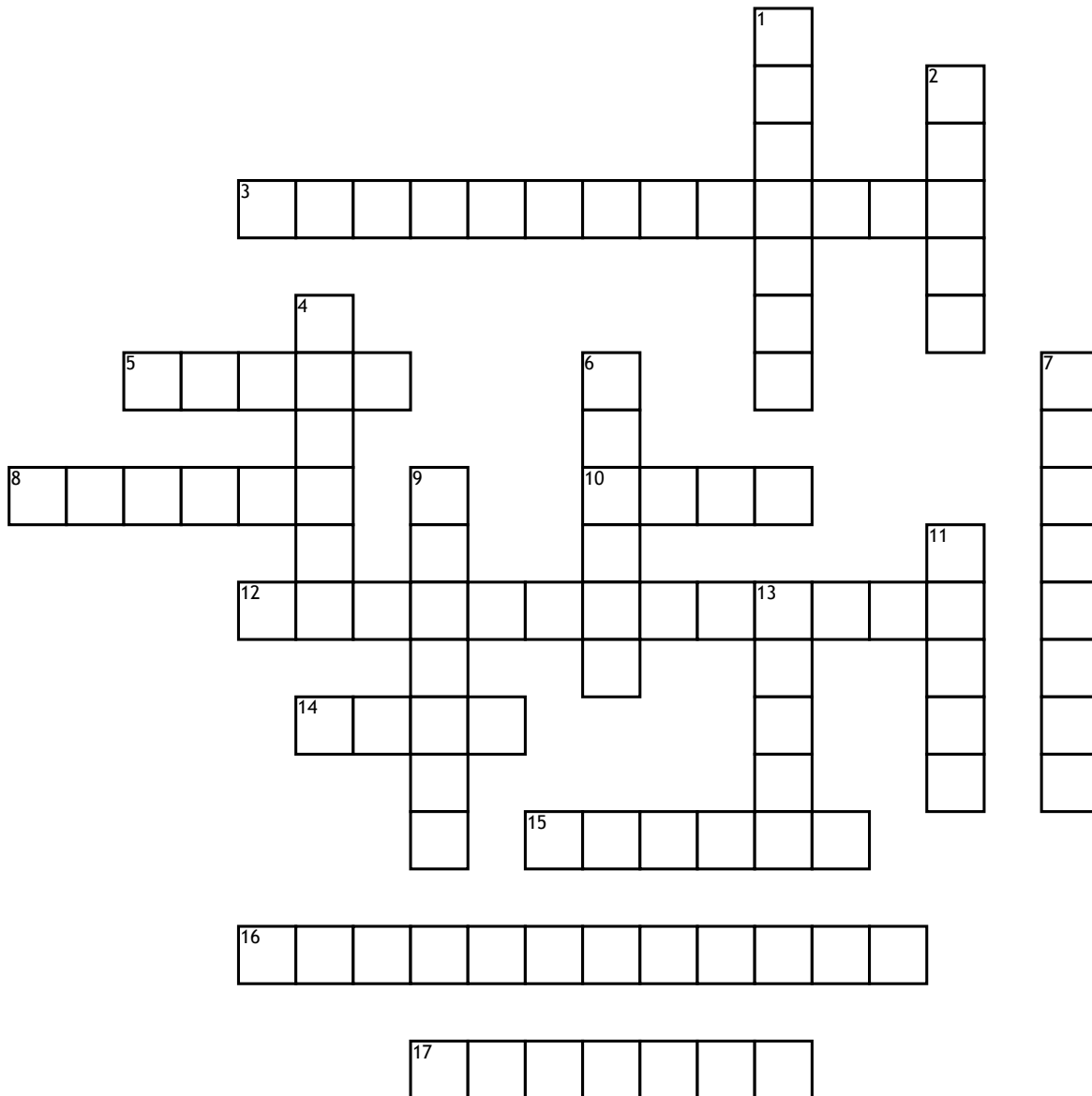


Name: _____

Date: _____

Michael's Simple Machines Crossword



Across

3. a machine that requires only the force of a human to perform work
 5. an inclined plane wrapped around a pole
 8. a measure of the gravitational force action on an object
 10. an object that requires force to be moved over a distance
 12. a simple machine consisting of a flat surface that is slanted
 14. equals force times distance

15. the force needed to move a load

16. a wheel that is attached to an axle

17. the force of attraction between two objects

Down

1. a mechanical device that transmits, modifies or changes the direction of force in order to help people do work
 2. tells you how the position of an object changes during a certain amount of time

4. unit of force

6. a simple machine consisting of a wheel that rotates around a stationary axle. The outer rim is grooved to accommodate a rope or chain

7. a force that resists motion whenever the surfaces of two objects rub against each other

9. the pivot point of a lever
 11. a simple machine that consists of two or more inclined planes positioned to form a thin edge

13. simple machine consisting of a bar that is free to pivot on a fulcrum