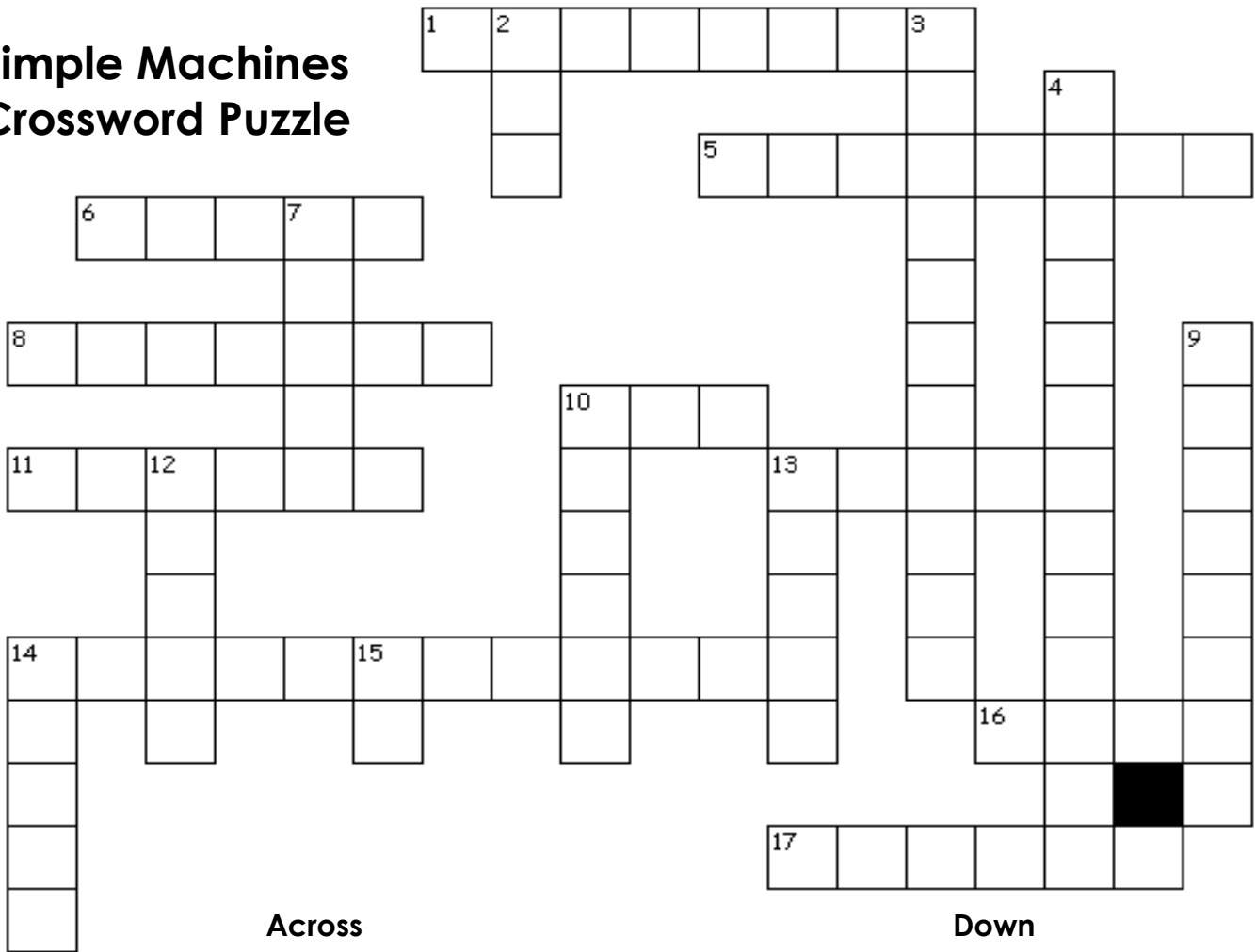


Name: \_\_\_\_\_

# Simple Machines Crossword Puzzle



**Across**

**Down**

1. tool with two levers attached together for cutting paper
2. part of a water bottle with a screw
3. wheel and axle tool that is often used with screws
4. type of simple machine that is a flat surface with one end higher than the other
5. wheel and axle device that is turned when you open a door
6. wedge used for cutting food
7. When you push, pull, or turn something you are applying this.
8. fixed point on a lever that doesn't move
9. Pulleys are used to raise a flag up this tall object.
10. number of different types of simple machines
10. lever that kids sit on; often found on a playground
11. type of simple machine that is made of a wheel with a rope or chain
12. type of simple machine made up of a bar that moves on a fixed point, or fulcrum
13. inclined plane that is often found on a playground
13. type of simple machine that is spiral-shaped and pulls two things together
14. type of simple machine that is made of a wheel attached to a rod
14. a simple machine used to separate something; made up of two inclined planes back-to-back
15. wedge used for chopping wood
16. pulleys are used to raise this on a sailboat
17. lever used for digging holes in the ground

Teachers: Copy this word box on the back of the crossword puzzle, if necessary.

### Simple Machines Crossword Puzzle: Word Box

(Some words will not be used.)

ax	force	pulley	seven
bottom	four	rake	shovel
broom	fulcrum	sail	six
building	hammer	sail	slide
cap	inclined plane	scissors	swing
doorknob	knife	screw	wedge
five	lever	screwdriver	wheel and axle
flagpole	nail	seesaw	wrench

## ANSWER KEY

### Across

1. tool with two levers attached together for cutting paper (scissors)
5. wheel and axle device that is turned when you open a door (doorknob)
6. wedge used for cutting food (knife)
8. fixed point on a lever that doesn't move (fulcrum)
10. number of different types of simple machines (six)
11. type of simple machine that is made of a wheel with a rope or chain (pulley)
13. inclined plane that is often found on a playground (slide)
14. type of simple machine that is made of a wheel attached to a rod (wheel and axle)
16. pulleys are used to raise this on a sailboat (sail)
17. lever used for digging holes in the ground (shovel)

### Down

2. part of a water bottle with a screw (cap)
3. wheel and axle tool that is often used with screws (screwdriver)
4. type of simple machine that is a flat surface with one end higher than the other (inclined plane)
7. When you push, pull, or turn something you are applying this. (force)
9. Pulleys are used to raise a flag up this tall object. (flagpole)
10. lever that kids sit on; often found on a playground (seesaw)
12. type of simple machine made up of a bar that moves on a fixed point, or fulcrum (lever)
13. type of simple machine that is spiral-shaped and pulls two things together (screw)
14. a simple machine used to separate something; made up of two inclined planes back-to-back (wedge)
15. wedge used for chopping wood (ax)