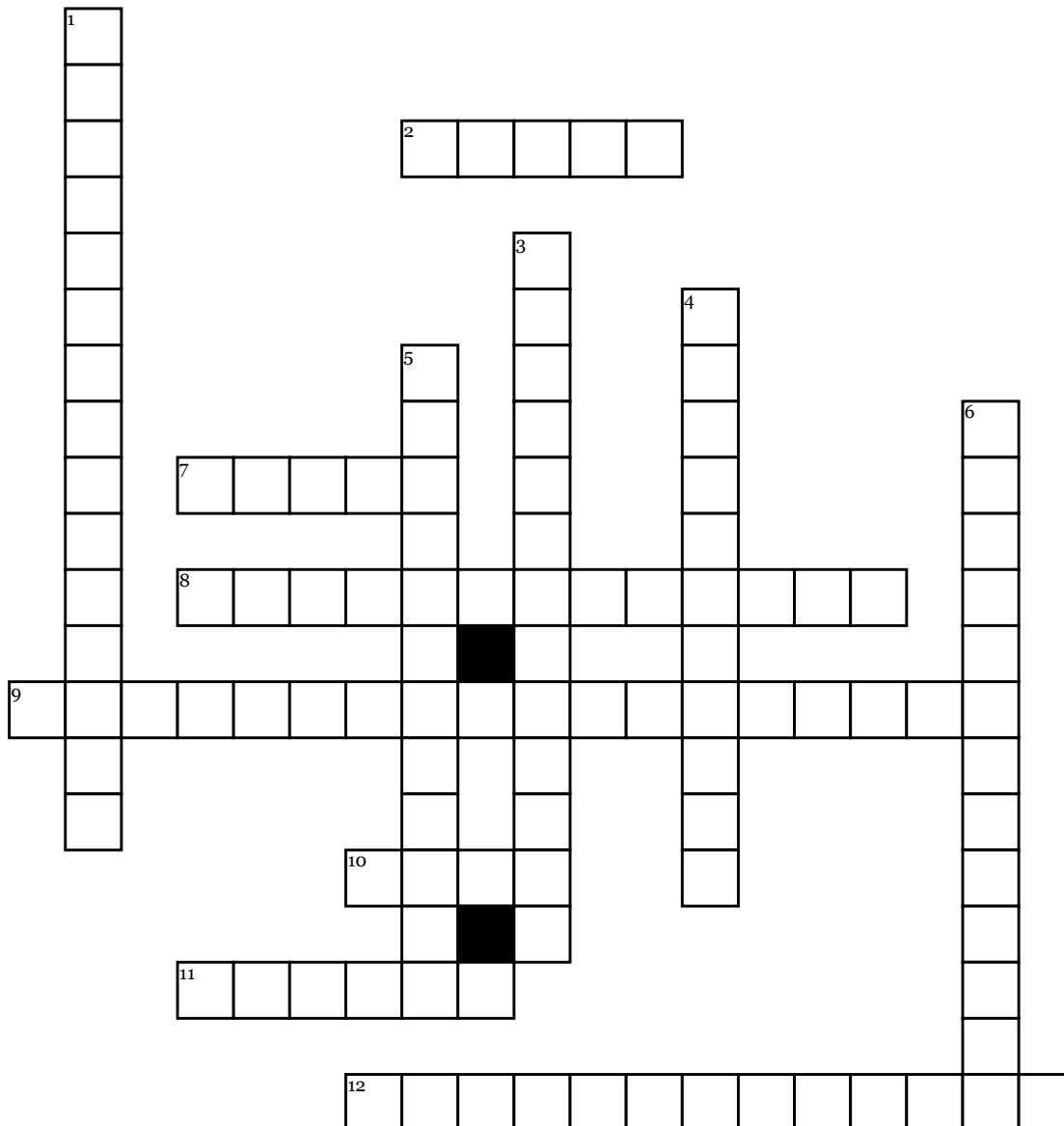


Simple machines



Across

- 2.** Consisting of a spirally threaded cylindrical rod that engages with a similarly threaded hole.
- 7.** Triangular shapes took and is a portable incline plane
- 8.** A fulcrum located between the points of application of the input and output forces
- 9.** A flat supporting surface tilted at an angle, with one end higher than the other

- 10.** A rod or spindle passing through the center of a wheel or group of wheels
- 11.** A wheel or axle with a rope or chain attached
- 12.** The fulcrum is at one end of the arm and the input force is applied to the other end.

Down

- 1.** A machine that combines two or more simple machines
- 3.** multiplies distance rather than force, has a mechanical advantage of less than one

- 4.** Consist of a rigid bar that rotates about a fixed point called a fulcrum.

- 5.** Consists of a wheel attached to a smaller axle so that these two parts rotate together in which a force is transferred from one to the other

- 6.** Any of the basic mechanical devices for applying a force