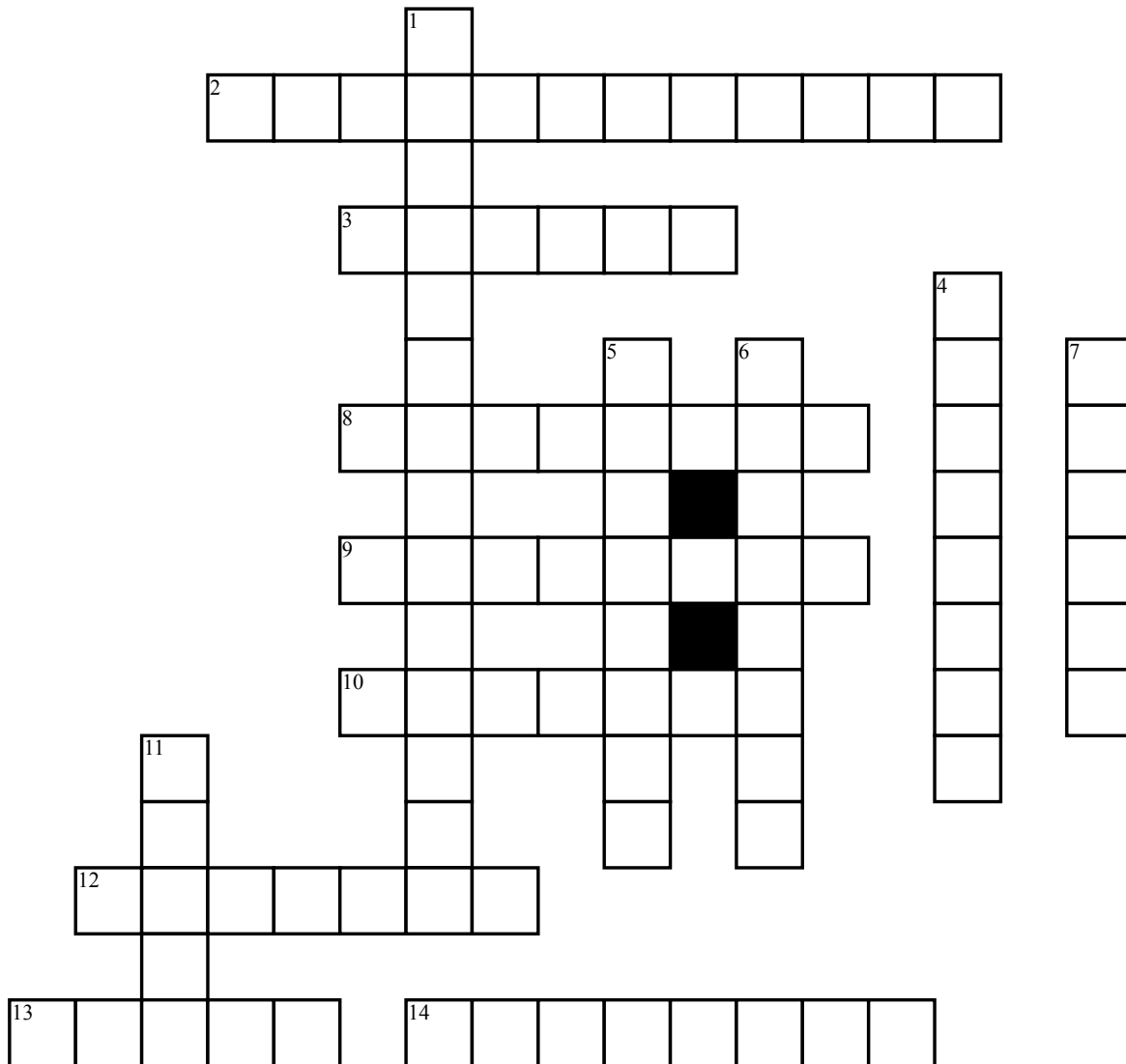


forces and motion



Across

- 2.** the rate at which velocity changes over time
3. a quantity that has both size and direction
8. resistance of an object to a change in speed or direction
9. speed in a specific direction
10. the location of a place or an object

- 12.** a force that objects exert on each other because of their masses
13. measure of the distance something moves in a given amount of time
14. the total overall force acting on an object

Down

- 1.** reference point a location to which you compare other locations

- 4.** the upward force on objects in a fluid
5. a force that resists the motion between 2 surfaces in contact
6. measurement of two positions
7. the change in position over time
11. push or pull