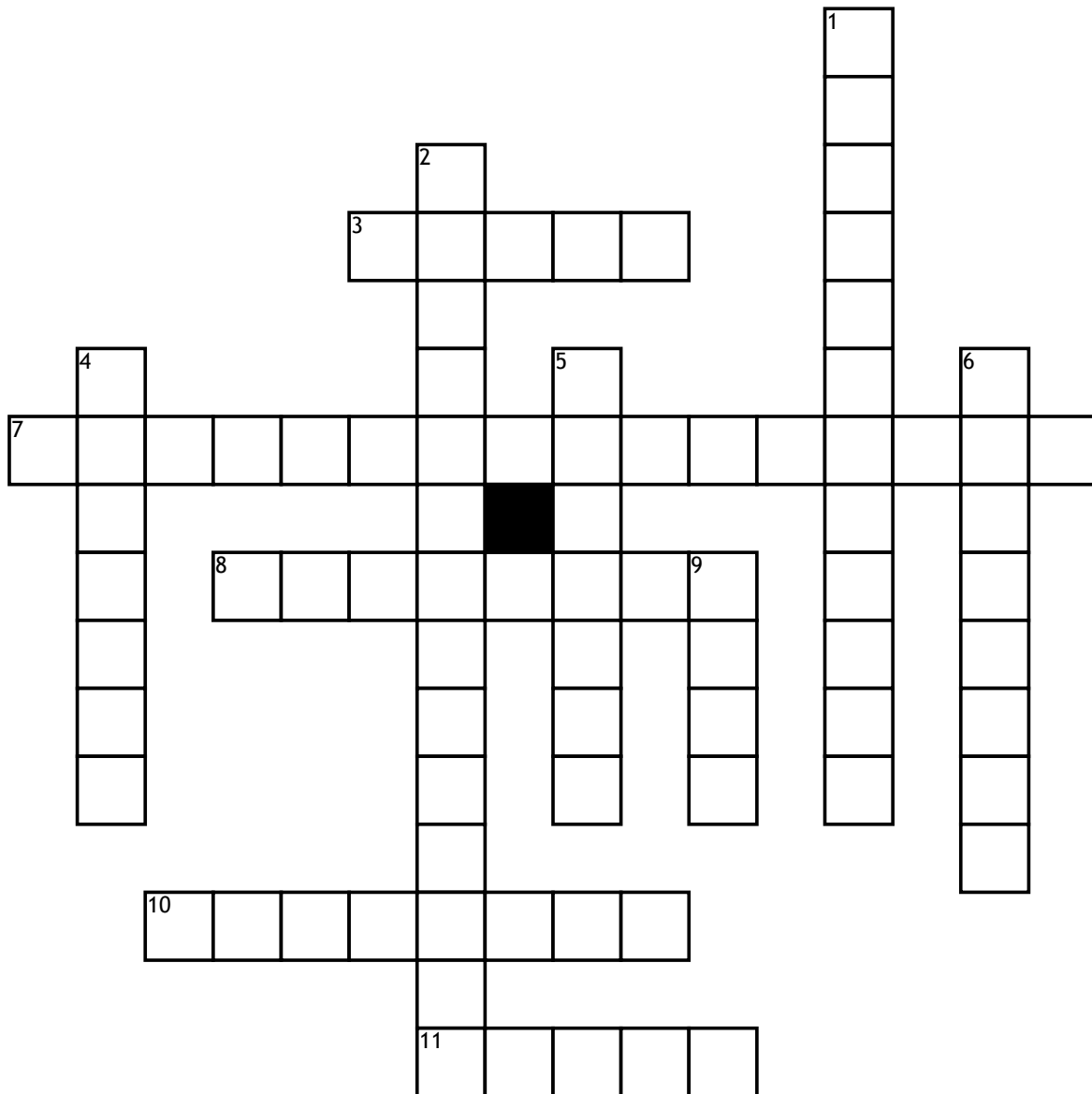


# Speed, force and acceleration



**Across**

- 3. forces are not one sided they come in \_\_\_\_\_
- 7. a non zero net force which causes a change in the objects motion
- 8. the harder an object is to stop the more \_\_\_\_\_ it has
- 10. the rate in which an object moves in a given direction
- 11. the rate in which an object moves

**Down**

- 1. A negative acceleration
- 2. equal strength forces act on an object in opposite directions
- 4. tendency of an object to resist change in its motion
- 5. N is the abbreviation of \_\_\_\_\_
- 6. The overall force on an object after all forces are added together
- 9. the amount of inertia depends on the \_\_\_\_\_ of an object