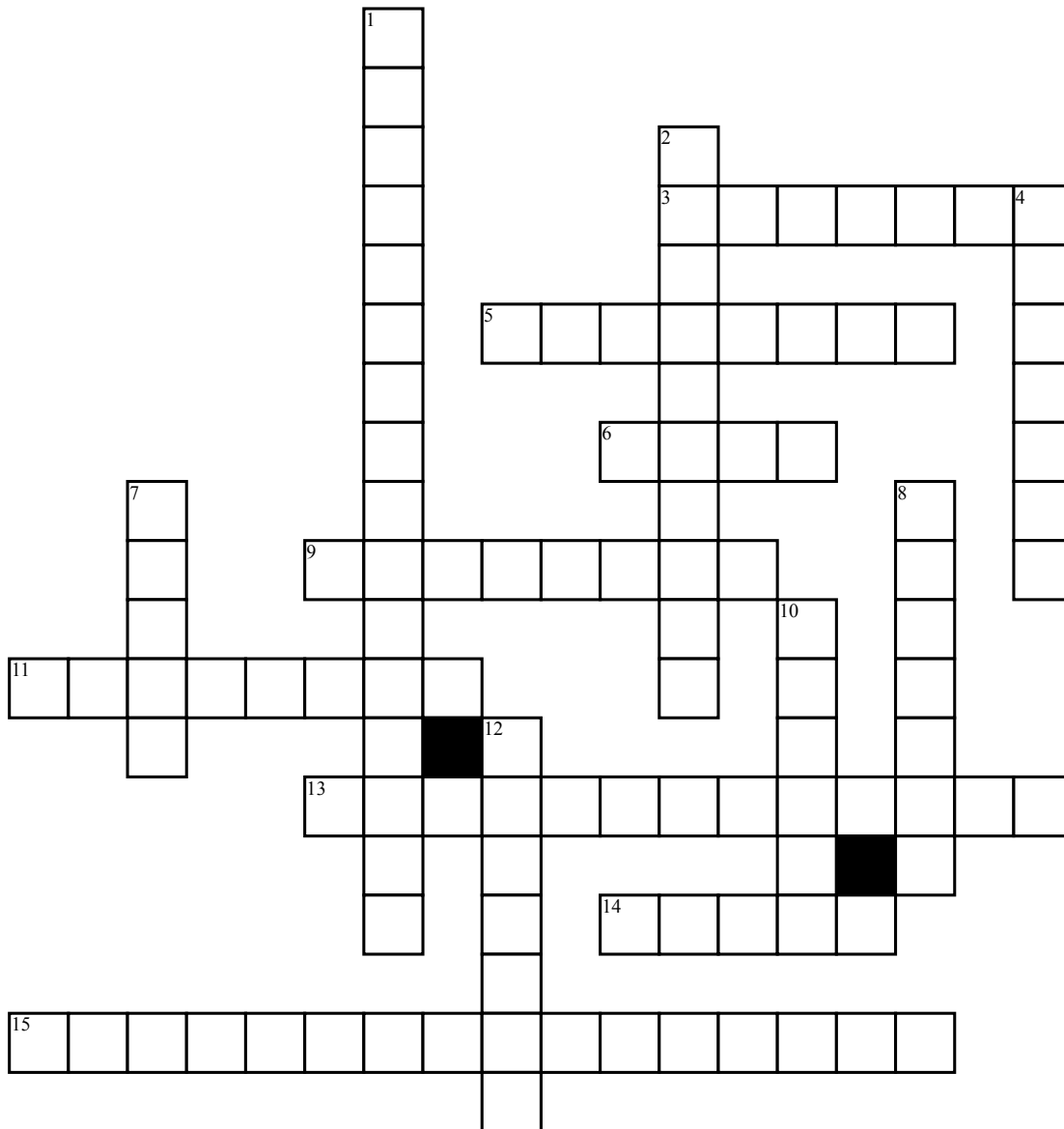


Forces



Across

- 3. Units for force
- 5. These forces do not cause a change in motion
- 6. weight is a measure of the force of gravity times _____.
- 9. The sum of all forces
- 11. This converts energy of motion between two object into heat

13. This force acts upon you when you jump out of a plane

14. A push or pull

15. acceleration toward the center of a curved path

Down

- 1. The point when an object is free falling and prevents further acceleration
- 2. These forces cause a change in motion

4. This type of friction can be seen in ice skating or rubbing your hands together

7. This friction applies to both air and water

8. This friction can be seen in soccer or bowling

10. This friction is the initial friction when moving an object

12. Acceleration of _____ on Earth is 9.8 m/s/s