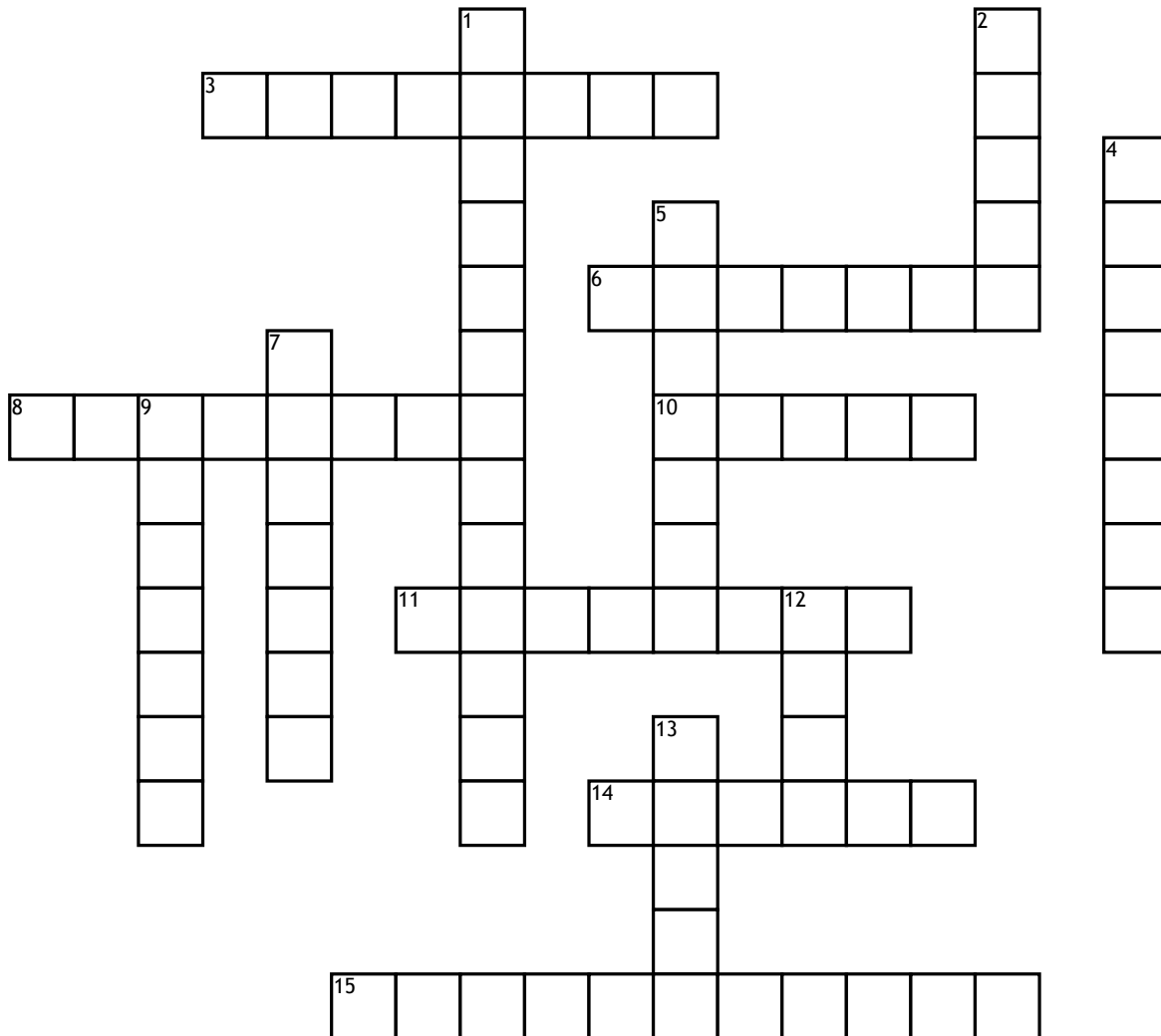


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Forces Acting on Structures



## Across

3. If a structure can't withstand a load, it will \_\_\_\_\_.

6. Wind, rain, and snow are examples of this.

8. Forces acting on a structure from the outside.

10. An internal force that happens when forces push or pull in opposite directions within an object.

11. A strong shape often used in the framework of structures.

14. A structure used to cross a span.

15. A force within that squeezes or pushes.

## Down

1. Tsunamis, earthquakes, and hurricanes are examples of this.

2. A structure that is built tall.

4. Forces acting within a structure.

5. A stretching/pulling force within a structure.

7. Force that pulls things towards the centre of the earth.

9. A twisting force within a structure; caused by opposite rotational forces.

12. Every structure needs to support a \_\_\_\_\_.

13. The "skeleton" of a structure that gives it its strength.