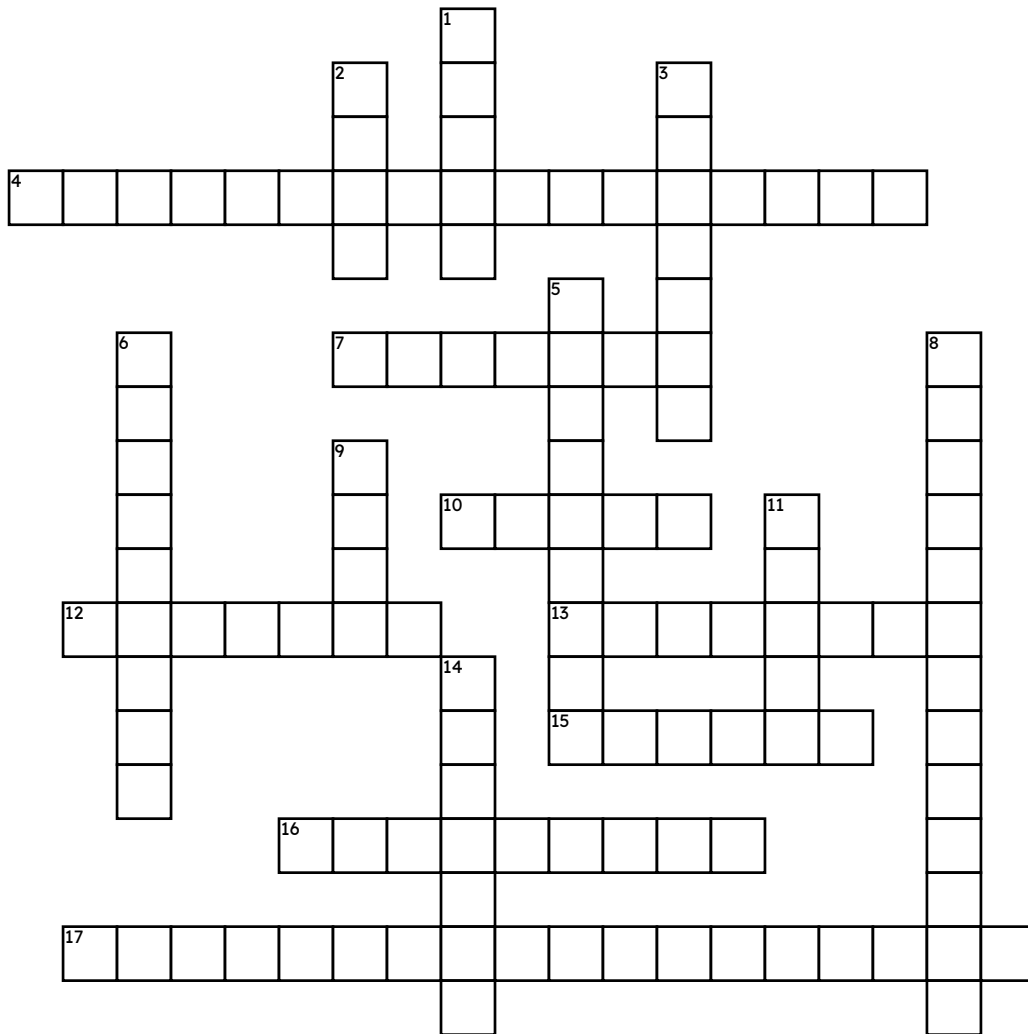


Name: \_\_\_\_\_

# Magnetism



## Across

- 4. attracts a north pole
- 7. to pull toward
- 10. a strong, hard metal made of iron and carbon
- 12. to make something to happen
- 13. to act on or affect each other
- 15. attracts iron or materials containing iron

16. lasting for only a short time

17. north pole of magnet

## Down

- 1. to push away
- 2. a metal that sticks to a magnet
- 3. a force that pulls objects toward each other
- 5. the force of pulling together or pushing away

6. expected to last for a long time

8. the area of magnetic force around a magnet

9. the end of a magnet

11. a push or pull on an object

14. an instrument that shows the direction

## Word Bank

- |           |          |                       |           |
|-----------|----------|-----------------------|-----------|
| attract   | steel    | force                 | permanent |
| induced   | interact | magnetic field        | temporary |
| magnetism | compass  | attracts a south pole | iron      |
| gravity   | magnet   | south pole of magnet  | pole      |
| repel     |          |                       |           |