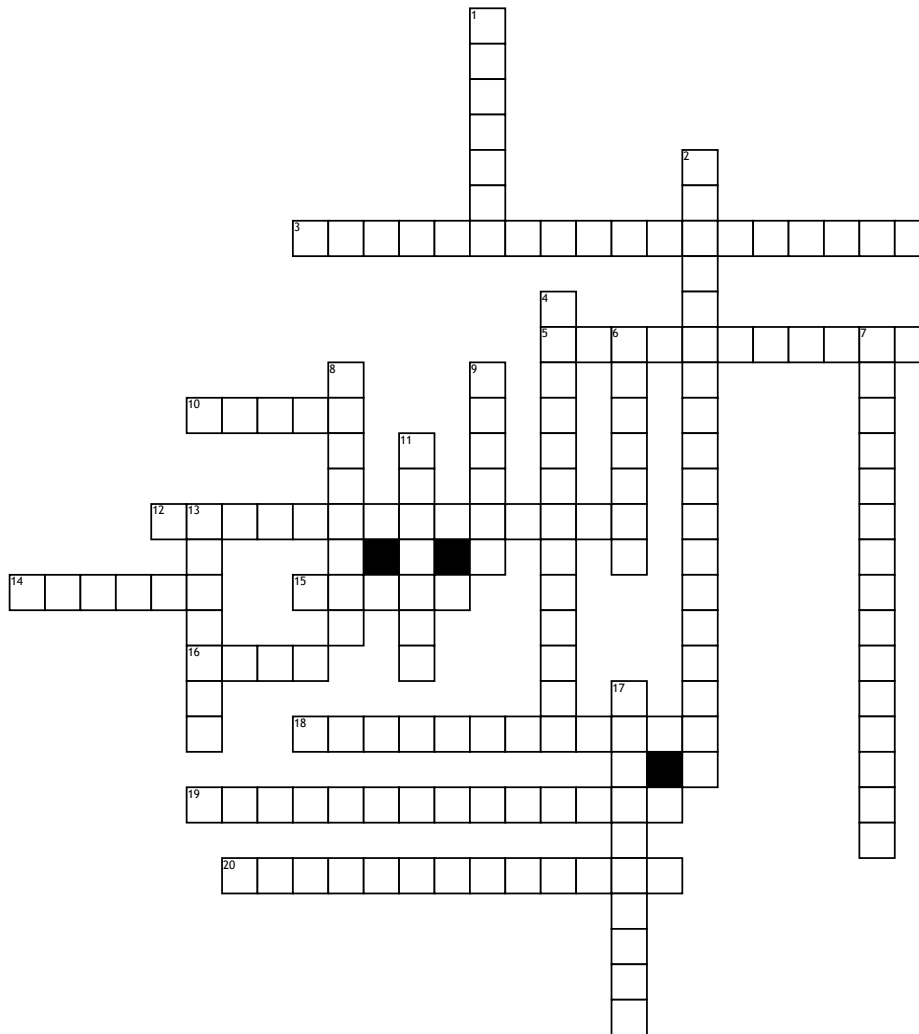


Name: _____

Date: _____

Magnetism



Across

- 3. magnetism that remains for a long time
- 5. the flow of charged particles
- 10. to push away
- 12. when magnetic fields of all atoms are lined up in the same direction
- 14. any material that attracts iron and materials that contain iron
- 15. the opposite ends of a magnet
- 16. smallest partical of a element

- 18. each end of a magnet
- 19. area of magnetic force around a magnet
- 20. attraction or repultion between magnetic poles

- 6. a substance that cannot be broken down into other substances by chemical or physical means
- 7. magnet made from a material that easily loses its magnetism
- 8. negatively charged partical
- 9. a positively charged partical
- 11. center region of an atom
- 13. to pull together
- 17. easily carries a electric current

Down

- 1. no charge
- 2. invisible lines that map out the magnetic field around a magnet
- 4. relating to matter with strong magnetic properties

Word Bank

- | | | | |
|-----------------|------------------|---------------|----------------------|
| nucleus | magnetic domain | conductors | magnet |
| atom | temporary magnet | attract | permanent magnetism |
| electron | element | neutron | ferromagnetic |
| poles | magnetic force | proton | magnetic field lines |
| magnetic fields | electricity | magnetic pole | repel |