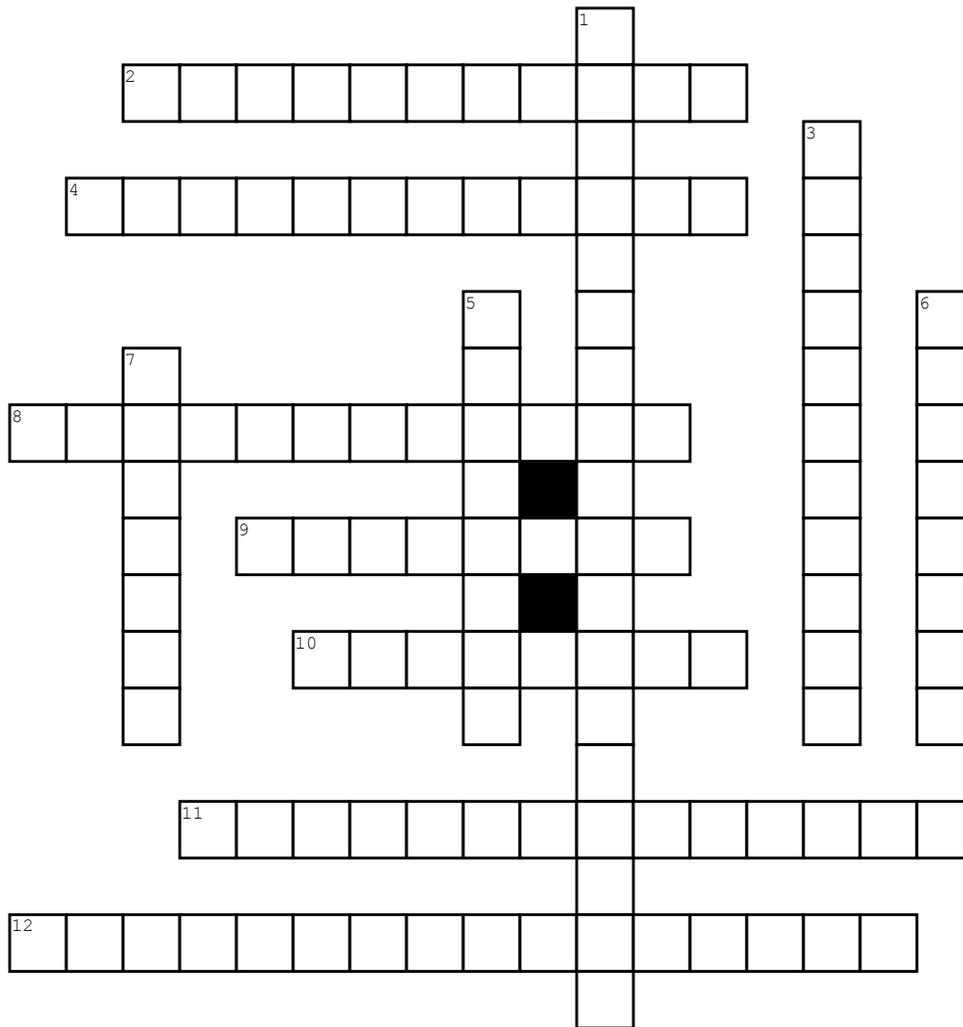


Name: \_\_\_\_\_

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

# science review crossword puzzle



**Across**

- 2. all the water found on, above, or under Earth's surface
- 4. water that collects on the surface of the ground
- 8. the amount of energy needed to raise 1 gram by 1 degree celcius
- 9. attraction between molecules, causes capilly action, created by polarity
- 10. the ability of water to pass through

**Word Bank**

- density
- surface water
- specific heat
- cohesion

- 11. the property of the surface of a liquid that allows it to resist an external force, due to the cohesive nature of the water molecules
  - 12. ability to dissolve most substances except non-polar
- Down**
- 1. the energy or heat consumed per unit mass during the vaporization of a liquid (liquid to gas)
  - 3. water located below Earth's surface

- universal solvent
- adhesion
- hydrosphere
- ground water

- 5. attraction between water mloecules; causes surface tension, created by polarity
- 6. molecules with opposite charges on the different poles of the molecule due to the unequal sharing of electrons, creates many of water's special properties
- 7. equals mass divided by volume. it decreases when water freezes because the volume increases

- surface tension
- heat of vaporization
- polarity
- porosity