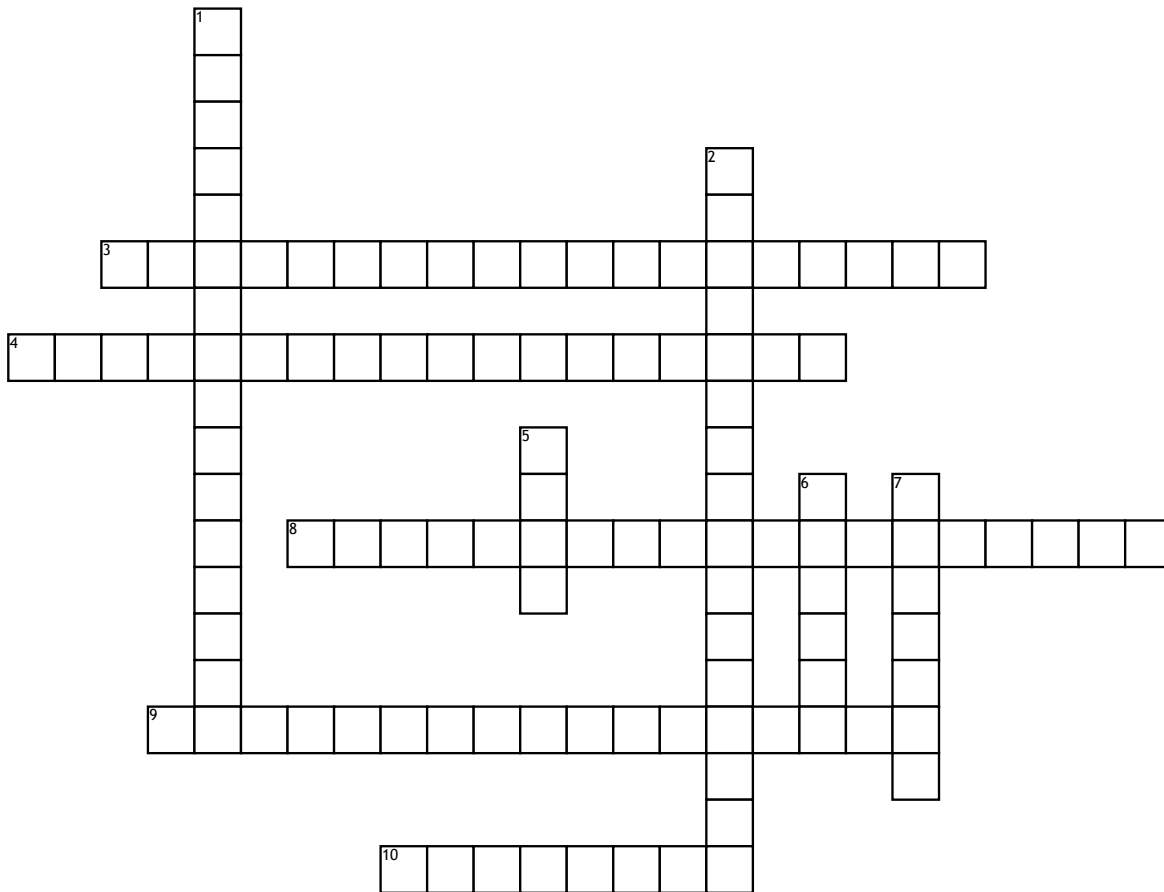


Density, Mass & Volume



Across

3. properties that do not depend on the amount of matter/ amount of substance present
4. properties/characteristic that can be determined without changing the substance's chemical identity.
8. properties that are dependent on the amount of matter that is being measured.
9. the method that is used for finding the volume of an irregular shaped object
10. the ability an object has to float

Down

1. the method used for calculating volume of a regular shaped object
2. a property/characteristic that can be determined only by changing a substance's molecular structure
5. a measure of the amount of matter in a particle or an object.
6. a measurement of the amount of space an object takes up
7. a measure of how tightly packed the molecules in a substance are. Also known as the amount of mass per unit of volume.