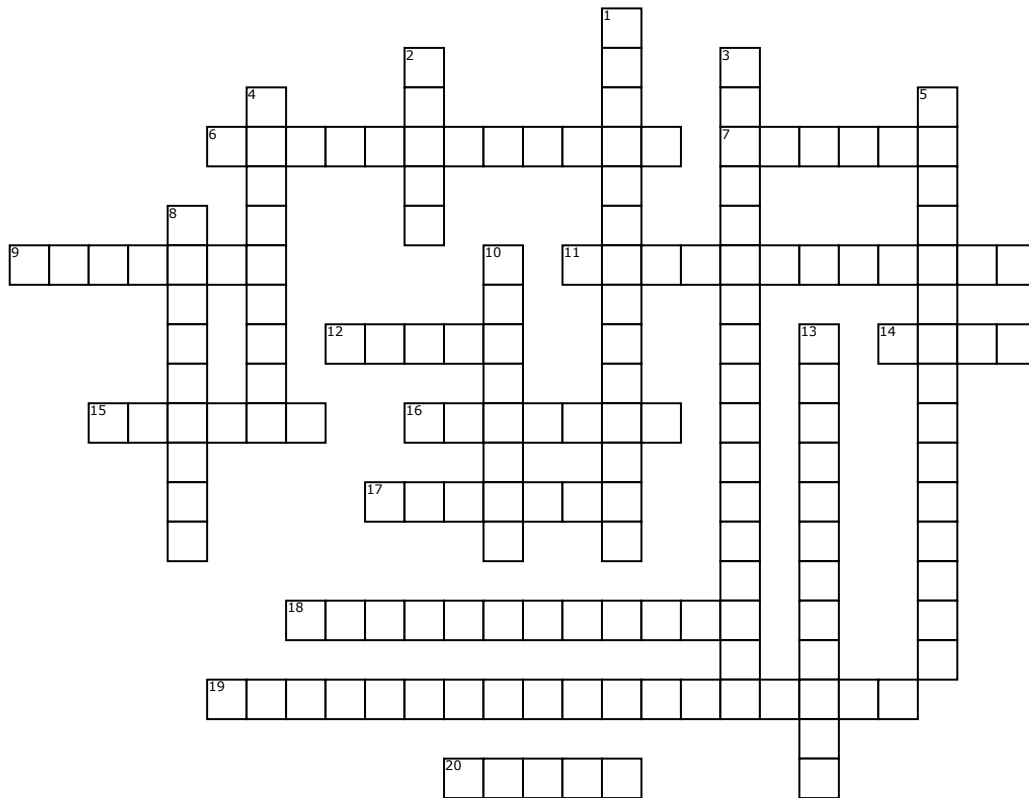


# physical properties of matter



**Across**

- 6. describes the ability of a substance to be rolled or pounded into thin sheets
- 7. straight-line distance between two points along an object.
- 9. physical feel of something
- 11. temperature at which the vapor pressure of a liquid equals the external pressure surrounding the liquid.
- 12. quality of an object or substance with respect to light reflected by the object
- 14. measure of the amount of matter in an object

- 15. the amount of space that a substance or object takes up
- 16. the mass per unit of a volume of a substance
- 17. the determination or estimation of ratios of quantities
- 18. temperature at which a solid, given sufficient heat, becomes a liquid
- 19. characteristics of matter that can be observed and measured
- 20. putting two things together with no space between them

**Down**

- 1. has three forms (solid,liquid,gas)
- 2. found in some individual object or body form

- 3. the ability of one substance to dissolve
- 4. a physical property that describes if a material is magnetic
- 5. study of non-living things including: chemistry, geology, astronomy and physics.
- 8. physical property of a material associated with the ability to be hammered thin or stretched into wire without breaking
- 10. Resistance of a material to deformation
- 13. a material's ability to conduct electricity

**Word Bank**

- |                     |              |                     |                  |
|---------------------|--------------|---------------------|------------------|
| ductility           | conductivity | touch               | physical science |
| texture             | color        | boiling point       | measure          |
| solubility in water | hardness     | physical properties | malleability     |
| density             | mass         | melting point       | states of matter |
| volume              | magnetism    | length              | shape            |