

The Big Fat Quiz on Properties and Changes of Materials

- 1) Name two natural materials
- 2) Name a magnetic material.
- 3) Name a transparent material.
- 4) What are the three levels of transparency called?
- 5) Name a thermal conductor.
- 6) Name an electrical conductor.
- 7) What is the opposite of a conductor?
- 8) Name a material that would dissolve in a liquid to form a solution.
- 9) Write the meaning of these properties of materials
 - a. permeable
 - b. flexible
 - c. absorbent
- 10) Name two properties of each of these materials which make them good for these jobs:
 - a. Nylon fabric used for an umbrella
 - b. Glass used for a greenhouse
 - c. Plastic used for making electrical plugs
- 11) What is a solid?
- 12) What is a liquid?
- 13) What is a gas?
- 14) What is a solution?
- 15) What is the correct scientific word for describing something that does not dissolve in water?
- 16) Name two things that would make a solid dissolve quicker in water.
- 17) Name five reversible changes
- 18) Name two irreversible changes
- 19) Explain the difference between melting and dissolving.
- 20) Name the three ways that mixtures might be separated