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1. Which of the following items does not belong with the others?

- a. A piece of paper
- b. A metal paperclip
- c. A rusty tin can
- d. An iron horseshoe

2. Matter with a fixed volume that changes shape to fit its container is classified as a –

- a. Solid
- b. Liquid
- c. Gas
- d. plasma

3. Matter is classified by its physical properties. All of the following are physical properties of matter EXCEPT-

- a. Force
- b. Taste
- c. Color
- d. State

4. A piece of bread is stuck in the toaster pictured below.



Why would it be unsafe to use a metal fork to remove the piece of bread from the toaster?

5. Which example below illustrates solubility in water?

- a. A penny sinks in water
- b. Ice floats in water
- c. Sugar dissolves in water
- d. Fish swim in water

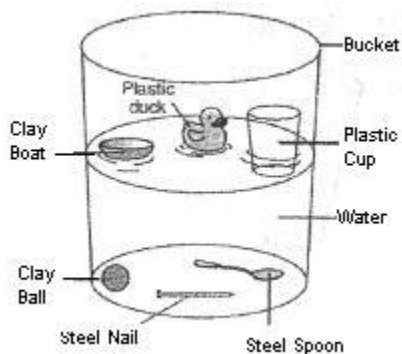
6. If an object is attracted to a magnet, the object is most likely made of –

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7. Which of the following lists shows only insulators?

- Plastic, wood, glass
- Wood, copper, glass
- Silver, wood, plastic
- Aluminum, plastic, wood

8. A group of students completed an investigation on relative density by putting six objects in a bucket of water. The objects were made of three different materials: clay, plastic, and steel. The diagram below shows the results of the investigation.



Which material always sank in this experiment?

- Rock
- Clay
- Plastic
- Steel

9. The mass of an object -

Is a physical property of the object.

- Decreases as its volume increases.
- Changes when moved to a different location.
- Equals the amount of force needed to move an object.

10. Students were completing an investigation on properties of matter. Students want to test if an object is a conductor or insulator. Which tool would the student need to complete this investigation?

- Meter stick
- Bucket of water
- Circuit
- Triple beam balance