UNIT 5. MATTER AND CHANGES IN MATTER

1. Correct the following sentences related to matter and its changes.

- Matter is the amount of mass in an object.

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- There are two general properties of matter: mass and density.

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- We use the formula: VOLUME/MASS to calculate the density of an object.

_____

- Mixtures are found in nature.

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- Filtration separates mixtures of solid and liquid solutions by boiling them until the liquid evaporates.

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_____

- Homogeneous mixtures or solutions have visible components.

_____

- Alloys are mixtures of two or more components that are melted and mixed together.

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_____

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2. Identify the methods of separation in these pictures.

a 

b 

c 

_____ _____ _____

3. Let's think together.

In a bowl, there is a mixture of glass marbles and plastic marbles. You could separate the two types of materials by hand, but this would take a long time! You could also use a jug of water. How would that work?

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