Online Quiz

Matter and Its Changes

1. Which is a physical change?

Need a Hint?

A. ○ baking bread
B. ○ burning leaves
C. ○ chopping celery
D. ○ exploding fireworks

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2. Which is a chemical change?

Need a Hint?

A. ○ an old car turning to rust
B. ○ boiling water
C. ○ dissolving sugar in water
D. ○ freezing water

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3. A solid that forms as a result of a chemical reaction between two liquids is a _____.

Need a Hint?

A. ○ mineral
B. ○ precipitate
C. ○ solute
D. ○ supernate

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4. The melting point of gold is 1064°C. Which of the following could describe gold?

Need a Hint?

A. ○ gas at 1000°C
B. ○ liquid at 1000°C
C. ○ liquid at 1100°C
D. ○ solid at 1100°C

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5. Ten grams of one substance reacts with 20 g of another substance. What is true about the materials after the reaction?

Need a Hint?

A. ○ The mass of the materials is less than 30 g.

B. ○ The mass of the materials is more than 30 g.

C. ○ The mass of the materials is exactly 30 g.

D. ○ It is not possible to determine the mass of the mixture.

STOP This is the end of the test. When you have completed all the questions and reviewed your answers, press the button below to grade the test.

Grade the Test

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