

# PHYSICAL VS CHEMICAL PROPERTIES WORKSHEET

Identify the following properties as physical or chemical.

1. Oxygen is odorless and colorless

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2. Copper turns green when exposed to the environment

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3. The piece of metal is magnetic

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4. The density of water is 1.0 grams per cubic centimeter

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5. Diamonds are a very hard substance

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6. The tree is 8 meters high

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7. Sodium reacts very easily with other elements.

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8. The color of the ball is red

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9. Iron reacts with oxygen and forms rust

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10. The boiling point of water is 100 degrees C

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11. Baking soda reacts with vinegar

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12. The gas is flammable

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13. Oxygen is a gas

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14. Argon is not very reactive

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15. Nitrogen is a colorless gas

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16. The silver spoons tarnished and turned dark

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17. The piece of metal is magnetic

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18. A student's shirt suddenly bursts into flames

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19. Silver necklaces tarnish and turn green.

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## Answers

Identify the following properties as physical or chemical.

1. Oxygen is odorless and colorless Physical
2. Copper turns green when exposed to the environment Chemical
3. The piece of metal is magnetic Physical
4. The density of water is 1.0 grams per cubic centimeter Physical
5. Diamonds are a very hard substance Physical
6. The tree is 8 meters high Physical
7. Sodium reacts very easily with other elements. Chemical
8. The color of the ball is red Physical
9. Iron reacts with oxygen and forms rust Chemical
10. The boiling point of water is 100 degrees C Physical
11. Baking soda reacts with vinegar Chemical
12. The gas is flammable Chemical
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14. Argon is not very reactive Chemical
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16. The silver spoons tarnished and turned dark Chemical
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19. Silver necklaces tarnish and turn green. Chemical