

Multiple Choice Quiz: Matter

1. Which of the following is a physical property of matter?
 - a) Ability to rust
 - b) Ability to dissolve in water
 - c) Ability to react with acid
 - d) Ability to produce light

2. Which of the following is an example of a chemical change?
 - a) Melting ice
 - b) Boiling water
 - c) Burning paper
 - d) Cutting a piece of wood

3. Which of the following is an example of a physical change?
 - a) Cooking an egg
 - b) Baking a cake
 - c) Burning wood
 - d) Cutting a pizza

4. Which of the following is a property of a solid?
 - a) It takes the shape of its container
 - b) It has a definite shape and volume
 - c) It has a definite volume but no shape
 - d) It has no definite volume or shape

5. Which of the following is a property of a liquid?
 - a) It has a definite shape
 - b) It has a definite volume
 - c) It takes the shape of its container
 - d) It has no definite shape or volume

Multiple Choice Quiz: ANSWERS

1. Which of the following is a physical property of matter?

- a) Ability to rust
- b) Ability to dissolve in water
- c) Ability to react with acid
- d) Ability to produce light

Answer: b) Ability to dissolve in water

2. Which of the following is an example of a chemical change?

- a) Melting ice
- b) Boiling water
- c) Burning paper
- d) Cutting a piece of wood

Answer: c) Burning paper

3. Which of the following is an example of a physical change?

- a) Cooking an egg
- b) Baking a cake
- c) Burning wood
- d) Cutting a pizza

Answer: d) Cutting a pizza

4. Which of the following is a property of a solid?

- a) It takes the shape of its container
- b) It has a definite shape and volume
- c) It has a definite volume but no shape
- d) It has no definite volume or shape

Answer: b) It has a definite shape and volume

5. Which of the following is a property of a liquid?

- a) It has a definite shape
- b) It has a definite volume
- c) It takes the shape of its container
- d) It has no definite shape or volume

Answer: c) It takes the shape of its container

Multiple Choice Quiz: Matter

1. Which of the following is a property of a gas?
 - a) It has a definite shape and volume
 - b) It has a definite volume but no shape
 - c) It takes the shape of its container
 - d) It has no definite volume or shape

2. Which of the following is an example of a chemical change?
 - a) Melting chocolate
 - b) Dissolving sugar in water
 - c) Rusting of iron
 - d) Cutting a piece of fruit

3. Which of the following is an example of a physical change?
 - a) Baking a cake
 - b) Burning a log
 - c) Mixing salt and water
 - d) Digesting food

4. Which of the following is a property of a solid?
 - a) It can be poured
 - b) It can be compressed easily
 - c) It has a definite shape
 - d) It takes the shape of its container

5. Which of the following is a property of a liquid?
 - a) It has a definite shape
 - b) It takes the shape of its container
 - c) It has a definite volume and shape
 - d) It cannot be compressed

Multiple Choice Quiz: ANSWERS

1. Which of the following is a property of a gas?

- a) It has a definite shape and volume
- b) It has a definite volume but no shape
- c) It takes the shape of its container
- d) It has no definite volume or shape

Answer: d) It has no definite volume or shape

2. Which of the following is an example of a chemical change?

- a) Melting chocolate
- b) Dissolving sugar in water
- c) Rusting of iron
- d) Cutting a piece of fruit

Answer: c) Rusting of iron

3. Which of the following is an example of a physical change?

- a) Baking a cake
- b) Burning a log
- c) Mixing salt and water
- d) Digesting food

Answer: c) Mixing salt and water

4. Which of the following is a property of a solid?

- a) It can be poured
- b) It can be compressed easily
- c) It has a definite shape
- d) It takes the shape of its container

Answer: c) It has a definite shape

5. Which of the following is a property of a liquid?

- a) It has a definite shape
- b) It takes the shape of its container
- c) It has a definite volume and shape
- d) It cannot be compressed

Answer: b) It takes the shape of its container

Multiple Choice Quiz: Matter

1. Which of the following is a property of a gas?
 - a) It has a definite shape
 - b) It takes the shape of its container
 - c) It has a definite volume
 - d) It is not affected by pressure or temperature

2. Which of the following is an example of a physical change?
 - a) Burning a log
 - b) Mixing baking soda and vinegar
 - c) Digesting food
 - d) Rusting of a bike

3. Which of the following is NOT a property of matter?
 - a. Color
 - b. Mass
 - c. Smell
 - d. Love

4. Which of the following is an example of a physical change in matter?
 - a. Burning wood
 - b. Rusting iron
 - c. Boiling water
 - d. Baking a cake

5. What is the state of matter in which a substance has a definite shape and volume?
 - a. Solid
 - b. Liquid
 - c. Gas
 - d. Plasma

Multiple Choice Quiz: ANSWERS

1. Which of the following is a property of a gas?

- a) It has a definite shape
- b) It takes the shape of its container
- c) It has a definite volume
- d) It is not affected by pressure or temperature

Answer: b) It takes the shape of its container

2. Which of the following is an example of a physical change?

- a) Burning a log
- b) Mixing baking soda and vinegar
- c) Digesting food
- d) Rusting of a bike

Answer: d) Rusting of a bike

3. Which of the following is NOT a property of matter?

- a. Color
- b. Mass
- c. Smell
- d. Love

Answer: d

4. Which of the following is an example of a physical change in matter?

- a. Burning wood
- b. Rusting iron
- c. Boiling water
- d. Baking a cake

Answer: c

5. What is the state of matter in which a substance has a definite shape and volume?

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

Answer: a

Multiple Choice Quiz: Matter

1. What is the state of matter in which a substance has a definite volume but no definite shape?
 - a. Solid
 - b. Liquid
 - c. Gas

2. What is the state of matter in which a substance has no definite shape or volume?
 - a. Solid
 - b. Liquid
 - c. Gas

3. Which of the following is an example of a chemical change in matter?
 - a. Melting ice
 - b. Mixing salt and water
 - c. Burning wood
 - d. Crushing a can

4. Which of the following is NOT an example of a physical change in matter?
 - a. Cutting paper
 - b. Dissolving sugar in water
 - c. Burning paper
 - d. Melting butter

5. Which of the following is an example of a reversible change in matter?
 - a. Cooking an egg
 - b. Baking a cake
 - c. Freezing water
 - d. Burning wood

Multiple Choice Quiz: ANSWERS

1. What is the state of matter in which a substance has a definite volume but no definite shape?

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

Answer: b

2. What is the state of matter in which a substance has no definite shape or volume?

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

Answer: c

3. Which of the following is an example of a chemical change in matter?

- a. Melting ice
- b. Mixing salt and water
- c. Burning wood
- d. Crushing a can

Answer: c

4. Which of the following is NOT an example of a physical change in matter?

- a. Cutting paper
- b. Dissolving sugar in water
- c. Burning paper
- d. Melting butter

Answer: c

5. Which of the following is an example of a reversible change in matter?

- a. Cooking an egg
- b. Baking a cake
- c. Freezing water
- d. Burning wood

Answer: c

Multiple Choice Quiz: Matter

1. Which of the following is an example of an irreversible change in matter?
 - a. Melting ice
 - b. Boiling water
 - c. Bending a paperclip
 - d. Burning paper

2. Which of the following is an example of a mixture?
 - a. Sugar water
 - b. Salt
 - c. Iron
 - d. Oxygen

3. Which of the following is a characteristic of a solid?
 - a. It takes the shape of its container
 - b. It has a definite volume
 - c. It can be compressed easily
 - d. It flows easily

4. Which of the following is a characteristic of a gas?
 - a. It has a definite shape
 - b. It has a definite volume
 - c. It takes the shape of its container
 - d. It has a fixed position

5. Which of the following describes the movement of particles in a solid?
 - a) particles are tightly packed and vibrate in place
 - b) particles are close together and move freely
 - c) particles are far apart and move randomly
 - d) particles are tightly packed and flow easily

Multiple Choice Quiz: ANSWERS

1. Which of the following is an example of an irreversible change in matter?

- a. Melting ice
- b. Boiling water
- c. Bending a paperclip
- d. Burning paper

Answer: d

2. Which of the following is an example of a mixture?

- a. Sugar water
- b. Salt
- c. Iron
- d. Oxygen

Answer: a

3. Which of the following is a characteristic of a solid?

- a. It takes the shape of its container
- b. It has a definite volume
- c. It can be compressed easily
- d. It flows easily

Answer: b

4. Which of the following is a characteristic of a gas?

- a. It has a definite shape
- b. It has a definite volume
- c. It takes the shape of its container
- d. It has a fixed position

Answer: c

5. Which of the following describes the movement of particles in a solid?

- a) particles are tightly packed and vibrate in place
- b) particles are close together and move freely
- c) particles are far apart and move randomly
- d) particles are tightly packed and flow easily

Answer: a)