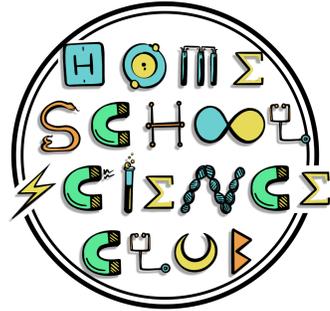


Thank You!!



Thanks for downloading the Cloud in a Bottle assessment sheet: Year 2, Episode 8.

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Name _____

Date _____

Cloud in a bottle

1. According to the combined gas law, if the pressure on a gas increases, the temperature of the gas will
 - A. increase.
 - B. decrease.
 - C. not change.

2. True or False: In the late 1800's, a French scientist named Jean Luke-Picaard was partly responsible for creating the combined gas law. _____

3. The process by which a liquid changes to a gas is called
 - A. melting.
 - B. condensation.
 - C. evaporation.
 - D. sublimation.
 - E. degradation.

4. True or False: If the temperature of a gas decreases, the pressure of that gas will increase.

5. True or False: The process by which a gas changes to a liquid is called.
 - A. melting.
 - B. condensation.
 - C. evaporation.
 - D. sublimation.
 - E. degradation.

6. Using the space below and any resource you have like a book or the internet, draw an example of what a cumulus cloud and a cirrus cloud look like in the sky.

Cloud in a bottle-answer key

1. According to the combined gas law, if the pressure on a gas increases, the temperature of the gas will

- A. increase.
- B. decrease.
- C. not change.

2. True or False: In the late 1800's, a French scientist named Jean Luke-Picaard was partly responsible for creating the combined gas law. False: the name of the scientist is Joseph Gay-Lussac

3. The process by which a liquid changes to a gas is called

- A. melting.
- B. condensation.
- C. evaporation.
- D. sublimation.
- E. degradation.

4. True or False: If the temperature of a gas decreases, the pressure of that gas will increase.

False: the pressure will also decrease

5. True or False: The process by which a gas changes to a liquid is called.

- A. melting.
- B. condensation.
- C. evaporation.
- D. sublimation.
- E. degradation.

6. Using the space below and any resource you have like a book or the internet, draw an example of what a cumulus cloud and a cirrus cloud look like in the sky.

Any attempt to depict a cumulus cloud as essentially large and cotton ball/fluffy should receive credit. Additionally, an attempt at depicting cirrus clouds as flat and stringy should also receive credit.

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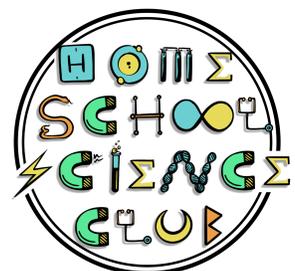
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