

What is evaporation? Describe what happens at the molecular level during evaporation.

Evaporation happens when atoms or molecules escape from the liquid and turn into a vapor. Not all of the molecules in a liquid have the same energy. Sometimes a liquid can be sitting in one place (maybe a puddle) and its molecules will become a gas. That's the process called evaporation. It can happen when liquids are cold or when they are warm. It happens more often with warmer liquids. You probably remember that when matter has a higher temperature, the molecules have a higher energy. When the energy in specific molecules reaches a certain level, they can have a phase change. Evaporation is all about the energy in individual molecules, not about the average energy of a system. The average energy can be low and the evaporation still continues.

Answer:

When liquid turns to gas

Explanation:

How many moles are in 55.0 g calcium nitrate?

Immature milk that is high in protein and immunoprotective factors is called _____. a. lactate

b. lactose

c. colostrum

d. formula

John has a marginal benefit of \$7 for 1 slice of pizza, \$5 for a second slice, \$3 for a third slice, \$1 for a fourth slice, and \$0.50 for a fifth slice. The price of pizza is \$1.50 per slice. Which of the following statements is correct? A) John will purchase 3 slices of pizza and have consumer surplus of \$10.50.

B) John will purchase 4 slices of pizza and have consumer surplus of \$12.00.

C) John will purchase 2 slices of pizza and have consumer surplus of \$1.50.

D) John will purchase 3 slices of pizza and have consumer surplus of \$4.50.

E) John will purchase 2 slices of pizza and have consumer surplus of \$3.00.

What are 3 reasons why space exploration is important?

A research study reports that participants who scored high on a new test measuring self-esteem made eye contact during an interview whereas participants who scored low on the test avoided eye contact. Assuming that more eye contact is associated with higher self-esteem, this study is a demonstration of _____ validity. a. face

b. concurrent

c. predictive

d. convergent

The reaction of sodium peroxide and water produces sodium hydroxide and oxygen gas. The following balanced chemical equation represents the reaction. 2
$$\text{Na}_2\text{O}_2(\text{s}) + 2 \text{H}_2\text{O}(\text{l}) \rightarrow 4 \text{NaOH}(\text{s}) + \text{O}_2(\text{g})$$

If 15.7 moles of sodium hydroxide are produced, how many moles of O₂ will be made?

Find the percent of change

48 notebooks to 14 notebooks

To say that modern society has a "mass scale" means that many fewer people _____ a. live in small communities.

b. have a strong sense of cultural heritage.

c. are very sure about what is right and wrong.

d. all of these responses are correct.

Read the passage: For oft, when on my couch I lie

In vacant or in pensive mood,

They flash upon that inward eye

Which is the bliss of solitude;

And then my heart with pleasure fills,

And dances with the daffodils.

Which best infers how the narrator feels about the field of daffodils?

They are a source of conflict.

They are a source of hilarity.

They are a source of discomfort.

They are a source of comfort.

You want to inform your colleague about a change to the project schedule. You decide to call him to inform him about this change. By deciding to use the telephone to complete this communication, you have _____.

_____ are small groups of friends who know each other well, do things together, and form a regular social group; in contrast, _____ are larger, reputation-based groups who are not necessarily friends and do not usually spend much time together.

What is the first step of the budget process? A.

The proposed budget is submitted to the state legislature.

B.

State agencies report their expenses from the previous year.

C.

The governor and a legislative committee draw up a budget.

D.

The budget undergoes the legislative process.

Less than one-half of Venus' surface is composed of low lying volcanic plains with large amounts of flowing lava True or False?

Which of the following is not true of cells? Cells are living.

Cells have the seven properties of life.

Not all cells are the same.

Some cells are living, and some cells are not.

Despite Robespierre's desire for a Republic of Virtue, his rule and actions are referred to as

The drugstore chain CVS uses loyalty-card data to better understand what consumers purchase, the frequency of store visits, and other buying preferences, which is associated with which technology-enhanced company capability?

Read the passage. Late for work? No time to eat? Morning Glory breakfast bars are packed full of the protein and complex carbohydrates your body needs to start your day on the right track. They're low in sugar, saturated fat, and cholesterol. They also contain 100% of 12 vitamins and minerals your body needs for good health. They taste great, too. Morning Glory breakfast bars. Grab one and go!

Who is the intended audience for this advertisement?

A. all adults who like to eat fast food

B. busy adults who care about health and nutrition

C. parents of children who are picky eaters

D. students who go to school every morning

How does the order of steps in solving an equation relate to order of operations

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