

A polar covalent bond is likely to form between two atoms that a. are similar in electronegativity

b. are of similar size

c. differ in electronegativity

Answer:

c. differ in electronegativity

Explanation:

Covalent bond:

It is formed by the sharing of electron pair between bonded atoms.

The atom with larger electronegativity attract the electron pair more towards it self and becomes partial negative while the other atom becomes partial positive.

For example:

In water the electronegativity of oxygen is 3.44 and hydrogen is 2.2. That's why electron pair attracted more towards oxygen, thus oxygen becomes partial negative and hydrogen becomes partial positive . The bond is polar.

When the elctronegativity difference is 0.4 or less than 0.4 the bond is non polar.

if the electronegativity difference is greater than 0.4 the bond is polar.

PLEASE HELP ME! ITS WORTH 25 PERCENT OF MY GRADE!..Using a 12 box chart create a year-round calendar to the activities you do on five or more

holidays you may use national holidays as well use as my Spanish vocabulary words and phrases as you can for each holiday indicate if you stay home or go somewhere what activities do you like to do and at least 3 notes about how holidays are celebrated in the Spanish-speaking world (parade, picnic, family dinner, festival, concert, etc.) please do not comment if you do not have an answer its worth so many points for someone who can do the question! please! and I'll even give you extra points that I have if you can!

A book that is not shortened or condensed is _____. unabridged ungrammatical nonstandard compressed

The Mexican economy is based on which natural resource? A.oil. B.agave. C.corn. D.fish

This is the generic name for a person who is given the authority by a government to represent that government to other governments or to international organizations.

Identify whether the following actions of Alexander II were liberal or conservative. 1. emancipating the serfs

2. reducing censorship

3. making land difficult for serfs to purchase

4. retaining the power to overrule local government decisions

How do you rewrite the phrase the name of the virus to use a possessive noun

As many landfills run out of space, some communities are making plans and tackling their heaping piles of garbage with innovative solutions. Of the garbage Americans produce every day, only about thirty percent reaches a recycling center. Education about how and what to recycle is costly but essential. Much of the junk we consume and throw out is not designed with recycling in mind. This solid waste creates one of the biggest problems: recyclable material is clogging landfills. In order to extend the lifespan of their landfills, some communities are expanding recycling programs and trying new technologies to turn trash into energy. A few cities are planning new energy plants that burn garbage to produce energy while still producing less pollution than landfills. Several other cities have facilities that use bioreactor landfills to speed up the decomposition process for trash from 100 years to 5-10 years. The costs and pollution generated by landfills force communities to think creatively about what to do with everything we throw out. Which of the following sentences from the paragraph is the topic sentence?

1. In order to extend the lifespan of their landfills, some communities are expanding recycling programs and trying new technologies to turn trash into energy.

2. As many landfills run out of space, some communities are making plans and tackling their heaping piles of garbage with innovative solutions.

3. Of the garbage Americans produce every day, only about thirty percent reaches a recycling center.

4. The costs and pollution generated by landfills force communities to think creatively about what to do with everything we throw out.

How would I solve the problem $2(2.25x + 8) = ?$

I NEED HELPP!

Which of these was key to the success of ancient civilizations? Oil Mountains River Fire Please help!!!

Suppose Balin has \$100 to invest in an opportunity that returns, for every \$100 invested, \$120 if it goes well but only \$80 if it goes poorly. If leverage allows Balin to borrow \$90 for every \$10 he invests, what are his rates of profit and loss, respectively, if he borrows the full amount to invest in the opportunity? A. 20 percent profit; 20 percent loss. B. 33.3 percent profit; 50 percent loss. C. 200 percent profit; 100 percent loss. D. 1,100 percent profit; 100 percent loss.

A limited edition poster increases in value each year. After 1 year, the poster is worth \$20.70. After 2 years, it is worth \$23.81. What equation can be used to find the value, y, after x years?

How many significant figures are in 50.5?

3.38 repeating as a fraction

A horizontal spring attached to a wall has a force constant of $k = 860 \text{ N/m}$. A block of mass $m = 1.60 \text{ kg}$ is attached to the spring and rests on a frictionless, horizontal surface as in the figure below. The left end of a horizontal spring is attached to a vertical wall, and the right end is attached to a block of mass m . The spring has force constant k . Three positions are labeled along the spring, and the block is pulled to the rightmost position, stretching the spring. The leftmost position, the equilibrium position, is labeled $x = 0$. The middle position, halfway between the leftmost and rightmost positions, is labeled $x = x_i/2$. The rightmost position is labeled $x = x_i$. (a) The block is pulled to a position $x_i = 5.00 \text{ cm}$ from equilibrium and released. Find the potential energy stored in the spring when the block is 5.00 cm from equilibrium. J (b) Find the speed of the block as it passes through the equilibrium position. m/s (c) What is the speed of the block when it is at a position $x_i/2 = 2.50 \text{ cm}$? m/s

If 1 liter is infused over 8 hours, what is the rate of infusion in ml/hr?

the length and width of a rectangle whose length is 13 centimeters more than its width. the width of the rectangle is

Under a light microscope, a stained cell shows chromosomes lined up along the middle. Choose from the following the next thing to happen. A.) Spindles will form and centrioles will move to opposite poles.

B.) A nuclear membrane will form around each set of chromosomes.

C.) Chromosomes will separate and move to opposite poles.

How do I estimate $200,629 + 28,542$

1. [Home](#)
2. [More Solution](#)