

Solve the following equation, answer as a reduced, mixed number. Then place the correct number in the box provided. $7(x - 2) + 3(x + 2) = 5(x - 6)$

$7(x-2) + 3(x + 2) = 5(x-6)$...distribute thru the parenthesis

$7x - 14 + 3x + 6 = 5x - 30$...combine like terms

$10x - 8 = 5x - 30$...subtract $5x$ from both sides

$10x - 5x - 8 = -30$...add 8 to both sides

$10x - 5x = -30 + 8$...combine like terms

$5x = -22$

$x = -22/5 = -4 \frac{2}{5}$

the correct answer is $x = -4 \frac{2}{5}$

The Scooter Store notified its employees at 5pm on Friday that it is laying off two-thirds of its workforce as of today and told them not to come in on Monday. It failed to provide advance notice to anyone and in doing so likely violated a. the Worker Adjustment and Retraining Notification Act. b. the Worker Retention Act. c. the Worker Readjustment Act. d. the Worker Notification Act.

You have a small piece of iron at 75°C and place it into a large container of water at 25°C . Which of these best explains what will occur over time. A: The iron will cause the water to boil and turn to steam. B: The iron will take the heat from the water and get hotter. C: The water will cool significantly due to its colder temperature. D: Some heat from the iron will move to the water causing both to change temperatures.

What is the domain of $f(x) = \cos(x)$? A. the set of real numbers $-2\pi \leq x \leq 2\pi$ B. the set of real numbers $-1 \leq x \leq 1$ C. the set of real numbers $0 \leq x \leq 2\pi$ D. the set of all real numbers

15 is 40% of what number

The points $(-3, 2)$ and $(9, r)$ lie on a line with slope $\frac{1}{2}$. Find the missing coordinate r .

Jake is an IRS tax law-certified volunteer preparer at a VITA/TCE site. When preparing a return for Jill, Jake learns that Jill does not have a bank account to receive a direct deposit of her refund.

Neglecting air resistance, which statement is not true regarding the energy of the ball? a. The kinetic energy decreases while the ball is going up.

b. The potential energy decreases while the ball is going up.

c. The kinetic energy increases when the ball is coming down.

d. The sum of the kinetic energy and potential energy is constant.

e. The potential energy decreases when the ball is coming down.

When liquid gold becomes a solid, its particles get closer together. Which best describes what happened to the gold? A. the conservation of magnetism

B. the change in solubility in a physical change

C. the change in melting point in a physical change

D. the rearrangement of particles in a physical change

the hardware store sells sparklers for the 4th of july. they charge 19 cents apiece. the firework stand charges 85 cents for four. which is the better deal? how can you tell

Which word is the adjective? i love the clear waters of the caribbean.

Would you prefer to work with lighting for a film or for a theatrical production and why?

Solve the following system of equations by linear combination: $2d - e = 7$

$$d + e = 5$$

Solve the inequality. $\frac{1}{4}c < 8$ A. $c < -4$

B. $c < 32$

C. $c > 32$

D. $c > 12$

The lines $3y - x = 3$ and $y + 3 = 3(x - 1)$ are

Which two numbers add up to ___ and multiply to ___? 1. multiply to -18 add to -17

2. multiply to 36 add to -13

3. multiply to -24 add to -5

4. multiply to -18 add to 7

5. multiply to -36 add to 9

6. multiply to 24 add to 10

7. multiply to 18 add to -9

8. multiply to -36 add to -16

I need help ASAP!

What type of trial is conducted without a jury, in which a judge makes the determination of the defendant's guilt or innocence?

Which statement about the movement of Earth's crust along a fault line is true? Only horizontal, side-to-side movement occurs along faults. Different types of movement occur along different types of faults. Only vertical, up-and-down movement occurs along faults. Crustal movement does not occur along fault lines.

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