

$$Y = 2x - 4$$

$$6x - 3y = 12$$

Answer:

All Real Solutions/All Real Numbers

Step-by-step explanation:

1) input

$$6x - 3(2x - 4) = 12$$

2) distribute

$$6x - 6x + 12 = 12$$

3) combine like terms

$$0x + 12 = 12$$

4) subtract

$$0x = 0$$

5)

x can be any number, so its all real numbers.

Find the doubling time of an investment earning 5% interest if interest is compounded continuously

An art student uses a roll wallpaper to decorate two gift boxes. The student will use $1\frac{1}{3}$ yards of paper for one box and $\frac{5}{6}$ yard of paper for the other box. The paper must be cut into pieces that are $\frac{1}{6}$ yard long. How many pieces will the student cut to use for the gift boxes?

Solve for x: $3(2x + 5) < 4(x + 2)$ $x < ?$

$x > ?$

$x < ?$

$x > ?$

I just need help because i don't know how i would do it with x on both sides

What is $\frac{4}{5} \div \frac{3}{4}$ in simplest form

Assume that in a series of experiments, plants with round seeds were crossed with plants with wrinkled seeds and the following offspring were obtained: 220 round and 180 wrinkled. (6 points total, 2 points each) (a) What is the most probable genotype of each parent? (b) What genotypic and phenotypic ratios are expected? (c) Based on the information provided in part (b), what are the expected numbers of progeny (400 total) of each phenotypic class?

Consider three bonds with 8% coupon rates, all making annual coupon payments and all selling at a face value of \$1,000. The short-term bond has a maturity of 4 years, the intermediate-term bond has maturity 8 years, and the long-term bond has maturity 30 years. a. What will be the price of the 4-year bond if its yield increases to 9%?

b. What will be the price of the 8-year bond if its yield increases to 9%?

c. What will be the price of the 30-year bond if its yield increases to 9%?

d. What will be the price of the 4-year bond if its yield decreases to 7%?

e. What will be the price of the 8-year bond if its yield decreases to 7%?

f. What will be the price of the 30-year bond if its yield decreases to 7%?

How is the "day of the dead" an example of blended culture. PLS HELP ANSWER

Rewrite $27+36$ using GCF and distributive property

What is the enormous desert that stretches across North Africa?

? ___ include setting objectives in concrete, adjusting the size of the sales force to meet changes in the firms' marketing plan and the marketing environment, attracting and hiring effective salespersons, developing a training program, formulating a fair and adequate compensation plan, motivating salespersons to keep productivity high, defining sales territories and determining scheduling and routing of the sales force, and evaluating the operation holistically.

Mr. Weiler has 32 students in his class he wishes to place them into 8 groups of equal size. Which of the following represents the number of students per group?

1. 256

2. (2)

3. (6)

4. (4)

True or false the amount of solar radiation an area receives is dependent on the angle of the energy and whether it is filtered through the atmosphere

Each day, a computer company produces 20 more laptops computers than desktop computers. On a certain day, 5% of the laptop computers and 7% of the

desktop computers were found to be defective. If the total number of desktop and laptop computers that were found to be defective that day was 16, how many laptop computers did the computer company make that day?

A parachute jumper weighs 200 pounds (including gear), has a parachute with an area of 200 square feet, and a coefficient of drag of 1.0. What is the highest downward speed (the terminal velocity), in miles per hour, that this jumper can attain? At the terminal velocity the downward force (the weight) is equal to the upward force (the aerodynamic drag force).

A 25.0 mL sample of H_3PO_4 requires 50.0 mL of 1.50 M NaOH for complete neutralization. What is the molarity of the acid?

Solve the equation by completing the square. Round to the nearest hundredth if necessary. $2x^2 - 4x = 5$

A 10-year bond, with a par value equaling \$1,000, pays 7% annually. If similar bonds are currently yielding 6% annually, what is the market value of the bond?

Use semiannual analysis. Use time value of money tables in Appendix B and Appendix D

1) Write the sum or difference in the standard form $a + bi$. (2 points) $(7 + 5i) - (-9 + i)$

- a) $16 + 4i$
- b) $-16 - 4i$
- c) $16 - 4i$
- d) $-2 + 6i$

2) Write the product in standard form. (2 points)

$$(7 + 7i)(6 + 7i)$$

- a) $-7 + 91i$
- b) $49i^2 + 91i + 42$
- c) $91 - 7i$
- d) $-7 - 91i$

3) Find the product of the complex number and its conjugate. (2 points)

$$1 + 3i$$

- a) $1 + 9i$
- b) 10
- c) -8
- d) $1 - 9i$

4) Write the expression in standard form. (2 points)

three divided by quantity three minus twelve i.

- a) - one divided by seventeen. + four divided by seventeen. i

- b) one divided by seventeen. - four divided by seventeen. i
- c) - one divided by seventeen. - four divided by seventeen. i
- d) one divided by seventeen. + four divided by seventeen. i

5) Find the real numbers x and y that make the equation true. (2 points)

$$5 + yi = x + 3i$$

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