

Bellwork

Tuesday, March 10,2020

= 2, what is the value of $\frac{4b}{c}$?

- A) 0
- B) 1
- C) 2
- D) 4

$$3x + 4y = -23$$
$$2y - x = -19$$

What is the solution (x, y) to the system of equations above?

- A) (-5, -2)
- B) (3, -8)
- C) (4,-6)
- D) (9,-6)

$$g(x) = ax^2 + 24$$

For the function g defined above, a is a constant and g(4) = 8. What is the value of g(-4)?

- A) 8
- B) 0
- C) -1
- D) -8

$$b = 2.35 + 0.25x$$

$$c = 1.75 + 0.40x$$

In the equations above, b and c represent the price per pound, in dollars, of beef and chicken, respectively, x weeks after July 1 during last summer. What was the price per pound of beef when it was equal to the price per pound of chicken?

- A) \$2.60
- B) \$2.85
- C) \$2.95
- D) \$3.35

A line in the xy-plane passes through the origin and has a slope of $\frac{1}{7}$. Which of the following points lies on the line?

- A) (0,7)
- B) (1,7)
- C) (7,7)
- D) (14, 2)



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If $\frac{a}{b} = 2$, what is the value of $\frac{4b}{a}$?

- A) 0
- B) 1
- 9 = 2-
- $4.\frac{b}{a} = \frac{1}{2}.4$

$$3x + 4y = -23$$
$$2y - x = -19$$

What is the solution (x, y) to the system of equations above?

- A) (-5, -2)
- B) (3, -8)
- C) (4, -6)
- D) (9, -6)

$$3x+4y = -23$$

3(-x +2y = -19)

- 3x+4y=-23+ -3x+6y=-57

$$g(x) = ax^2 + 24$$

For the function g defined above, a is a constant and g(4) = 8. What is the value of g(-4)?

- A) 8
- B) 0
- C) -1
- D) -8
- 9(-4) = 9(4) = 8

since the only . x in the equation 1s being squared

- (-4)2 = (4)2
- 9(-4) = 9(4)

$$b = 2.35 + 0.25x$$
$$c = 1.75 + 0.40x$$

In the equations above, b and c represent the price per pound, in dollars, of beef and chicken, respectively, x weeks after July 1 during last summer. What was the price per pound of beef when it was equal to the price per pound of chicken?

- A) \$2.60
- B) \$2.85
- 2.35 + 0.25x=1.75+.40x -.25x -.25x
- C) \$2.95
- D) \$3.35
- 2.35 = 1.75 + .15X -1.75 -1.75

.60 = .15X b= 2.35 + 0.25 (4) b=2.35+1.00 x = 4b= 3.35

A line in the xy-plane passes through the origin and has a slope of $\frac{1}{7}$. Which of the following points lies

- on the line?
- A) (0,7)
- B) (1,7)
- (7,7)
- D) (14, 2)

b=0 m= 1/2

y= 1/1 X

the only point that makes this ex true is (14,2)