

Name:

Answers!

Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

\*check them all! \*

Question 01

Select the two points that are on the graphed line:  $y = 3x - 5$

a) (0, 5)  
 b) (0, -5)  
 c) (2, 1)  
 d) (4, 17)

$y = 3x - 5$   
 $5 \stackrel{?}{=} 3(0) - 5$   
 $5 \stackrel{?}{=} -5$   
 NO

$y = 3x - 5$   
 $-5 \stackrel{?}{=} 3(0) - 5$   
 $-5 \stackrel{?}{=} -5$   
 yes!

$y = 3x - 5$   
 $1 \stackrel{?}{=} 3(2) - 5$   
 $1 \stackrel{?}{=} 6 - 5$   
 $1 \stackrel{?}{=} 1$   
 yes!

$y = 3x - 5$   
 $17 \stackrel{?}{=} 3(4) - 5$   
 $17 \stackrel{?}{=} 12 - 5$   
 $17 \stackrel{?}{=} 7$   
 NO

Question 02

Select the two points that are on the graphed line:  $2x + 4y = 20$

a) (0, 5)  
 b) (10, 2)  
 c) (6, 2)  
 d) (2, 6)

$2x + 4y = 20$   
 $2(0) + 4(5) \stackrel{?}{=} 20$   
 $0 + 20 \stackrel{?}{=} 20$   
 yes!

$2x + 4y = 20$   
 $2(10) + 4(2) \stackrel{?}{=} 20$   
 $20 + 8 \stackrel{?}{=} 20$   
 NO

$2x + 4y = 20$   
 $2(6) + 4(2) \stackrel{?}{=} 20$   
 $12 + 8 \stackrel{?}{=} 20$   
 $20 = 20$   
 yes!

$2x + 4y = 20$   
 $2(2) + 4(6) \stackrel{?}{=} 20$   
 $4 + 24 \stackrel{?}{=} 20$   
 NO

Question 03

Select the two points that are on the graphed line:  $y = 2x + 3$

a) (2, 5)  
 b) (3, 6)  
 c) (4, 11)  
 d) (5, 13)

$y = 2x + 3$   
 $5 \stackrel{?}{=} 2(2) + 3$   
 $5 \stackrel{?}{=} 4 + 3$   
 NO

$y = 2x + 3$   
 $6 \stackrel{?}{=} 2(3) + 3$   
 $6 \stackrel{?}{=} 6 + 3$   
 NO

$y = 2x + 3$   
 $11 \stackrel{?}{=} 2(4) + 3$   
 $11 \stackrel{?}{=} 8 + 3$   
 $11 = 11$   
 yes!

$y = 2x + 3$   
 $13 \stackrel{?}{=} 2(5) + 3$   
 $13 \stackrel{?}{=} 10 + 3$   
 yes!

Question 04

remember!  $12 - 2(-1) = 12 + 2$  😊

Select the two points that are on the graphed line:  $4x - 2y = 10$

a) (5, 5)  
 b) (4, 6)  
 c) (3, -1)  
 d) (2, -1)

$4x - 2y = 10$   
 $4(5) - 2(5) = 10$   
 $20 - 10 = 10$   
 yes!

$4x - 2y = 10$   
 $4(4) - 2(6) = 10$   
 $16 - 12 = 10$   
 No

$4x - 2y = 10$   
 $4(3) - 2(-1) = 10$   
 $12 + 2 = 10$   
 NO

$4x - 2y = 10$   
 $4(2) - 2(-1) = 10$   
 $8 + 2 = 10$   
 Yes!

Question 05

Select the two points that are on the graphed line:  $y = -5x + 2$

a) (0, -2)  
 b) (1, -3)  
 c) (0, 2)  
 d) (1, 3)

$y = -5x + 2$   
 $-2 = -5(0) + 2$   
 $-2 = 0 + 2$   
 No

$y = -5x + 2$   
 $-3 = -5(1) + 2$   
 $-3 = -5 + 2$   
 yes!

$y = -5x + 2$   
 $2 = -5(0) + 2$   
 $2 = 0 + 2$   
 yes!

$y = -5x + 2$   
 $3 = -5(1) + 2$   
 $3 = -5 + 2$   
 No

Question 06

Select the two points that are on the graphed line:  $y = 4x - 10$

a) (14, 1)  
 b) (3, 2)  
 c) (5, 5)  
 d) (6, 14)

$y = 4x - 10$   
 $1 = 4(14) - 10$   
 NO WAY!

$y = 4x - 10$   
 $2 = 4(3) - 10$   
 $2 = 12 - 10$   
 yes!

~~$y = 4x - 10$~~   
 $y = 4x - 10$   
 $5 = 4(5) - 10$   
 $5 = 20 - 10$   
 NO

$y = 4x - 10$   
 $14 = 4(6) - 10$   
 $14 = 24 - 10$   
 yes!

Question 07

Select the two points that are on the graphed line:  $3x + 2y = 18$

a) (1, 6)  
 b) (2, 6)  
 c) (3, 4)  
 d) (4, 3)

$3x + 2y = 18$   
 $3(1) + 2(6) = 18$   
 $3 + 12 = 18$   
 NO

$3x + 2y = 18$   
 $3(2) + 2(6) = 18$   
 $6 + 12 = 18$   
 yes!

$3x + 2y = 18$   
 $3(3) + 2(4) = 18$   
 $9 + 8 = 18$   
 NO

$3x + 2y = 18$   
 $3(4) + 2(3) = 18$   
 $12 + 6 = 18$   
 yes!