Name: _____ Date: _____

Fresh Math

Two Variable Linear Equations - Medium

Find the missing value so the ordered pair is a solution of the equation.

1. $3x + 2y = -12$; (_____, 3)
2. $-3x - 3y = -30$; (7, _____)
3. $4x - y = -21$; (_____, 5)
4. $-3x + 4y = 13$; (-3, _____)
5. $-2x + 6y = 10$; (_____, 0)
6. $6x + 3y = -15$; (_____, 3)
7. $5x + 5y = -25$; (-3, _____)
8. $-5x - 5y = 30$; (-6, _____)
9. $-4x + y = 16$; (-5, _____)
10. $6x + 2y = -8$; (-2, _____)

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Fresh Math

Two Variable Linear Equations - Medium

Find the missing value so the ordered pair is a solution of the equation.

11. $-5x - y = -35$; (_____, 0)

12. $-3x - 5y = 17$; (1, _____)

13. $2x - y = -1$; (3, _____)

14. $3x - 3y = -27$; (-6, _____)

15. $6x + y = 35$; (_____, -1)

16. $4x + 3y = 34$; (_____, 6)

17. $-5x + 4y = 20$; (_____, 5)

18. $5x - 2y = -15$; (_____, 0)

19. $3x + 5y = 19$; (_____, -1)

20. $2x - 5y = -18$; (_____, 2)

Two Variable Linear Equations - Medium - Answer Key

1. $3x + 2y = -12$; (_____, 3)
   $x = -6$
2. $-3x - 3y = -30$; (7, _____)
   $y = 3$
3. $4x - y = -21$; (_____, 5)
   $x = -4$
4. $-3x + 4y = 13$; (-3, _____)
   $y = 1$
5. $-2x + 6y = 10$; (_____, 0)
   $x = -5$
6. $6x + 3y = -15$; (_____, 3)
   $x = -4$
7. $5x + 5y = -25$; (-3, _____)
   $y = -2$
8. $-5x - 5y = 30$; (-6, _____)
   $y = 0$
9. $-4x + y = 16$; (-5, _____)
   $y = -4$
10. $6x + 2y = -8$; (-2, _____)
    $y = 2$

Two Variable Linear Equations - Medium - Answer Key

11. -5x - y = -35; (_____, 0)
    x = 7

12. -3x - 5y = 17; (1, _____)
    y = -4

13. 2x - y = -1; (3, _____)
    y = 7

14. 3x - 3y = -27; (-6, _____)
    y = 3

15. 6x + y = 35; (_____, -1)
    x = 6

16. 4x + 3y = 34; (_____, 6)
    x = 4

17. -5x + 4y = 20; (_____, 5)
    x = 0

18. 5x - 2y = -15; (_____, 0)
    x = -3

19. 3x + 5y = 19; (_____, -1)
    x = 8

20. 2x - 5y = -18; (_____, 2)
    x = -4