


Math Worksheets

Systems of Equations

 Calculate each system of equations.

1) $-x + y = 2$	$x = \underline{\quad}$	2) $-15x + 3y = -9$	$x = \underline{\quad}$
$-4x + 2y = 6$	$y = \underline{\quad}$	$9x - 16y = 48$	$y = \underline{\quad}$

3) $y = -7$	$x = \underline{\quad}$	4) $3y = -9x + 15$	$x = \underline{\quad}$
$6x + 5y = 7$	$y = \underline{\quad}$	$5x - 4y = -3$	$y = \underline{\quad}$

5) $10x - 9y = -13$	$x = \underline{\quad}$	6) $-12x - 16y = 20$	$x = \underline{\quad}$
$-5x + 3y = 11$	$y = \underline{\quad}$	$6x - 12y = 30$	$y = \underline{\quad}$

7) $5x - 14y = -23$	$x = \underline{\quad}$	8) $15x - 21y = -6$	$x = \underline{\quad}$
$-18x + 21y = 24$	$y = \underline{\quad}$	$2x - 3y = -2$	$y = \underline{\quad}$

9) $-x + 3y = 3$	$x = \underline{\quad}$	10) $x + 5y = 50$	$x = \underline{\quad}$
$-14x + 16y = -10$	$y = \underline{\quad}$	$3x + 10y = 80$	$y = \underline{\quad}$

11) $6x - 7y = -8$	$x = \underline{\quad}$	12) $2x + 4y = -10$	$x = \underline{\quad}$
$-x - 4y = -9$	$y = \underline{\quad}$	$2x - 8y = 14$	$y = \underline{\quad}$

13) $4x + 3y = 12$	$x = \underline{\quad}$	14) $3x - 2y = 3$	$x = \underline{\quad}$
$5x - 3y = 15$	$y = \underline{\quad}$	$7x - 8y = 22$	$y = \underline{\quad}$

15) $3x + 2y = 5$	$x = \underline{\quad}$	16) $10x + 7y = 1$	$x = \underline{\quad}$
$-10x - 4y = -14$	$y = \underline{\quad}$	$-5x - 7y = 24$	$y = \underline{\quad}$

Answers of Worksheets

Systems of Equations

1) $x = -1, y = 1$

2) $x = 0, y = -3$

3) $x = 7$

4) $x = 1, y = 2$

5) $x = -4, y = -3$

6) $x = 1, y = -2$

7) $x = 1, y = 2$

8) $x = 8, y = 6$

9) $x = 3, y = 2$

10) $x = -20, y = 14$

11) $x = 1, y = 2$

12) $x = -1, y = -2$

13) $x = 3, y = 0$

14) $x = -2, y = -\frac{9}{2}$

15) $x = 1, y = 1$

16) $x = 5, y = -7$

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