Name:

Date:

Systems of Equations

Solve each system of equations.

1) $8x + 14y = 4$
$-6x - 7y = -10$
x =_____ y =_____

2) $-10x + 2y = -6$
$6x - 16y = 48$
x =_____ y =_____

3) $-5x + y = -3$
$3x - 8y = 24$
x =_____ y =_____

4) $6x - 7y = -8$
$-x - 4y = -9$
x =_____ y =_____

5) $10x + 7y = 1$
$-5x - 7y = 24$
x =_____ y =_____

6) $-2x + 2y = 4$
$-2x + y = 3$
x =_____ y =_____

7) $y = -8$
$16x - 12y = 32$
x =_____

8) $10x - 9y = -13$
$-5x + 3y = 11$
x =_____ y =_____

9) $2y = -6x + 10$
$10x - 8y = -6$
x =_____ y =_____

10) $x + 20y = 56$
$x + 15y = 41$
x =_____ y =_____

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1) $8x + 14y = 4$
$-6x - 7y = -10$
$x =$_____ $y =$_____

$x = 4, y = -2$

2) $-10x + 2y = -6$
$6x - 16y = 48$
$x =$_____ $y =$_____

$x = 0, y = -3$

3) $-5x + y = -3$
$3x - 8y = 24$
$x =$_____ $y =$_____

$x = 0, y = -3$

4) $6x - 7y = -8$
$-x - 4y = -9$
$x =$_____ $y =$_____

$x = 1, y = 2$

5) $10x + 7y = 1$
$-5x - 7y = 24$
$x =$_____ $y =$_____

$x = 5, y = -7$

6) $-2x + 2y = 4$
$-2x + y = 3$
$x =$_____ $y =$_____

$x = -1, y = 1$

7) $y = -8$
$16x - 12y = 32$
$x =$_____

$x = -4$

8) $10x - 9y = -13$
$-5x + 3y = 11$
$x =$_____ $y =$_____

$x = -4, y = -3$

9) $2y = -6x + 10$
$10x - 8y = -6$
$x =$_____ $y =$_____

$x = 1, y = 2$

10) $x + 20y = 56$
$x + 15y = 41$
$x =$_____ $y =$_____

$x = -4, y = 3$