Name _____ Date _____ Answer Key_____

SYSTEMS OF EQUATIONS: SUBSTITUTION #3

Use substitution to solve each system of equations.

1.
$y = -2$
$y = 3x - 20$

(__6__ , __-2__)

2.
$x = 2$
$6x - 3y = -9$

(__2__ , __7__)

3.
$5x = -40$
$4x - 2y = -12$

(__-8__ , __-10__)

4.
$y = -3x + 1$
$2x + 2y = 2$

(__0__ , __1__)

5.
$x = y + 8$
$3x + 5y = -8$

(__4__ , __-4__)

6.
$x + y = 21$
$x - 2y = -15$

(__9__ , __12__)

7.
$y = -3x$
$y = 4x - 14$

(__2__ , __-6__)

8.
$y = 5x + 2$
$y = -4x - 7$

(__-1__ , __-3__)

9.
$2x + y = -10$
$-5x + 2y = 7$

(__-3__ , __-4__)

10.
$-2x + y = 4$
$7x - 3y = -6$

(__6__ , __16__)

11.
$10x + 5y = -30$
$9x - 2y = 25$

(__1__ , __-8__)

12.
$2x + 6y = -40$
$3x - 2y = -16$

(__-8__ , __-4__)

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