Name : _____   Score : _____

Teacher : _____   Date : _____

Solving Systems of Equations by Substitution

1) $7x + 3y = 22$

$4y = 20$

2) $y = \frac{1}{3}x - 4$

$y = -6$

3) $-8x + 7y = 10$

$9y = -18$

4) $4x + 3y = -13$

$-5x + 2y = -24$

5) $y = -\frac{4}{3}x + 6$

$y = 2$

6) $y = -\frac{5}{3}x + 12$

$y = \frac{3}{2}x - 7$

7) $y = -\frac{13}{4}x + 7$

$y = -\frac{3}{4}x - 9$

8) $3x + 2y = -15$

$2x = -18$

9) $9x - 2y = -21$

$2x + 3y = 16$

10) $y = \frac{1}{3}x - 4$

$y = -\frac{7}{3}x + 4$

Name : _____ Score : _____

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Solving Systems of Equations by Substitution

1) $7x + 3y = 22$

   $4y = 20$

   $(1,5)$

2) $y = \frac{1}{3}x - 4$

   $y = -6$

   $(-6,-6)$

3) $-8x + 7y = 10$

   $9y = -18$

   $(-3,-2)$

4) $4x + 3y = -13$

   $-5x + 2y = -24$

   $(2,-7)$

5) $y = -\frac{4}{3}x + 6$

   $y = 2$

   $(3,2)$

6) $y = -\frac{5}{3}x + 12$

   $y = \frac{3}{2}x - 7$

   $(6,2)$

7) $y = -\frac{13}{4}x + 7$

   $y = -\frac{3}{4}x - 9$

   $(4,-61)$

8) $3x + 2y = -15$

   $2x = -18$

   $(-9,6)$

9) $9x - 2y = -21$

   $2x + 3y = 16$

   $(-1,6)$

10) $y = \frac{1}{3}x - 4$

   $y = -\frac{7}{3}x + 4$

   $(3,-3)$