

Solving Systems of Linear Equations using *Elimination*_part1

Name:

Period:

Solve the following systems using the *elimination method*. Show all of your work.

1) $4x - 3y = 5$

2) $-2x + 3y = -7$

7) $7x - 2y = 5$

8) $7x - 3y = 4$

3) $-5x - 6y = 8$

4) $5x + 2y = 4$

9) $3x + 4y = -6$

10) $2y = 3x + 6$

5) $6x - 4y = 14$

6) $-3x + 4y = 1$

11) $2x + 5y = 12$

12) $5y = 4x + 6$

Solve the following system using the *substitution* method. Show all your work.

13) $y = 2x - 1$

14) $2x + y = 3$

17) $x - 16 = 4y$

18) $3x + 4y = 8$

15) $x = 17 - 4y$

16) $y = x - 2$

19) $y = \frac{1}{3}x$

20) $y = -x + 8$