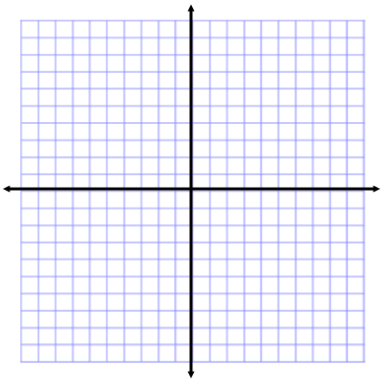
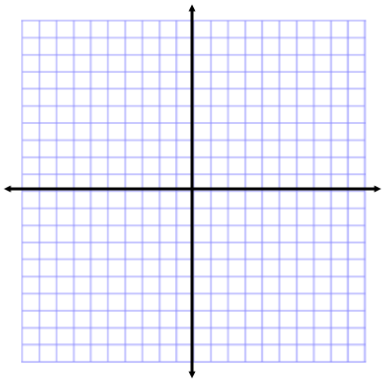
10.1-3 RWS #2 Thinker: _____

#1-2, Solve each system by graphing.

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



2. $2x + 3y = 6$
$x - y = 8$



#3-4, Solve each system by substitution.

3. $y = 2x + 2.25$
$2y = 3x - 2$

4. $2x - 3y = -2$
$\mathbf{4x + y = 24}$

#5-7, Solve each system by the linear combination/addition method.

5. $2x + y = 9$
$3x - y = 16$

6. $2.1x - y = 5.5$
$3.5x + 4y = -13.5$

7. $3x + 5y = -2$
$2x - 2y = 4$

#8-10, Translate each situation into (2) equations, then solve the system using any method.

8. Cody has 50 coins, some are nickels, some are dimes. The value of the coins is $4.15. How many of each type of coin does Cody have?

9. The bill for five milkshakes and four burgers is $9.50. The bill for four milkshakes and five burgers is $10.30. How much does each item cost?

10. Erin has $21.40 in dimes and quarters. She has 100 coins. How many of each?