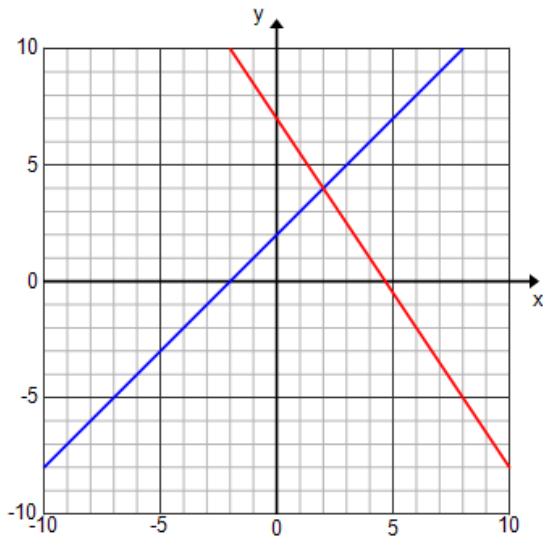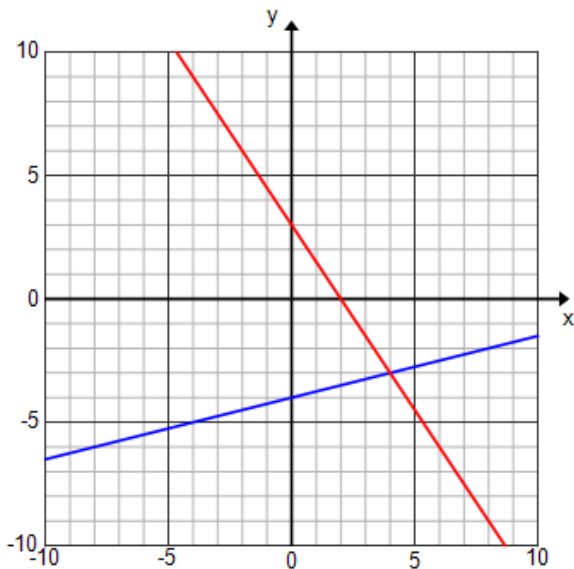Test Review

1. Identify the solution of the system of equations.
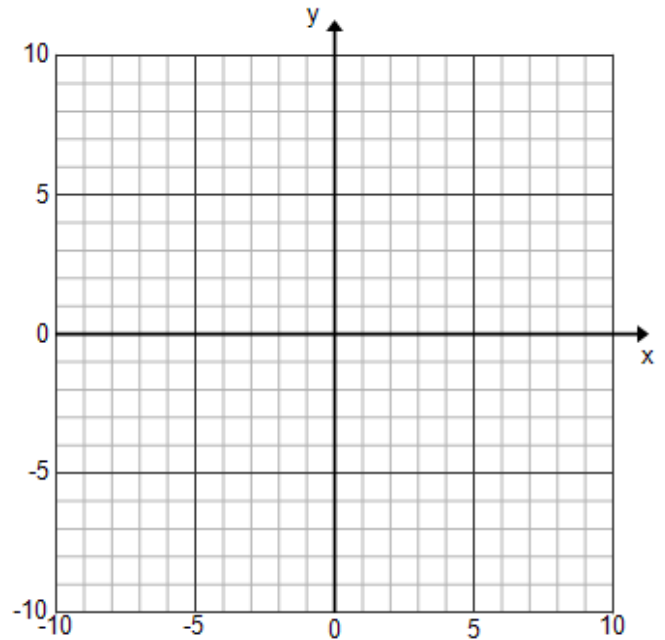

2. Identify the solution of the system of equations.

3. Graph the system and identify the solution.

y = 3x + 2
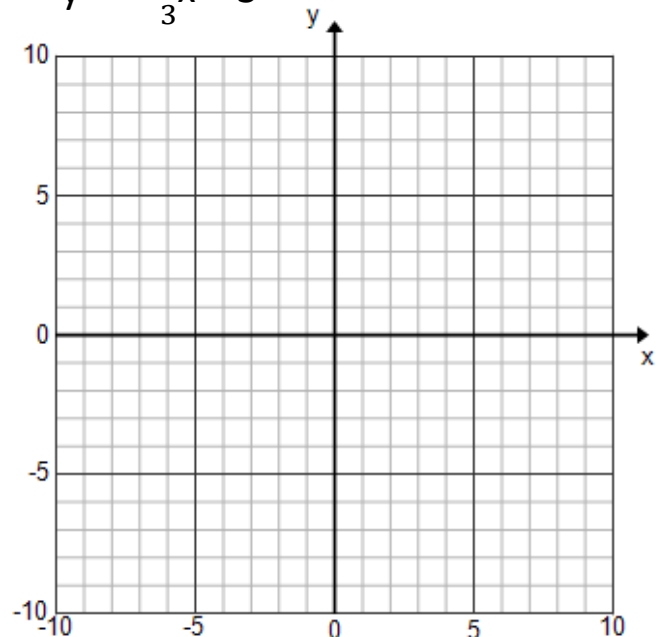
y = 3x - 4

4. Graph the system and identify the solution.

y = 2x + 5

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

Solve #5 and #6 by substitution.

5. $3x + 2y = 16$

   $x + 4y = 12$

6. $x - 2y = 0$

   $2x - 5y = -4$

Solve #7 and #8 by elimination.

7. $4x + 8y = 20$

   $-4x + 2y = -30$

8. $-2x - 9y = -25$

   $-4x - 9y = -23$

Solve these systems using the
calculator method.

13) $16x - 10y = 10$
$-8x - 6y = 6$

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

15) $-4x - 15y = -17$
$-x + 5y = -13$

16) $-x - 7y = 14$
$-4x - 14y = 28$

17) $-7x - 8y = 9$
$-4x + 9y = -22$

18) $5x + 4y = -30$
$3x - 9y = -18$

19) $-4x - 2y = 14$
$-10x + 7y = -25$

20) $3x - 2y = 2$
$5x - 5y = 10$

21) $5x + 4y = -14$
$3x + 6y = 6$

22) $2x + 8y = 6$
$-5x - 20y = -15$