

# P.E.R.T. Math

## Module 18 Quiz

1. Determine which is a solution to the system of linear equations.

$$\begin{cases} 2x + y = 5 \\ x + 3y = 5 \end{cases}$$

- a) (2,1)                      c) (5,0)  
b) (0,5)                      d) (-4,3)

2. Solve the system of linear equations.

$$\begin{cases} x + 5y = 18 \\ 3x + 2y = -11 \end{cases}$$

- a) (1,-7)                      c) (3,3)  
b) (8,2)                      d) (-7,5)

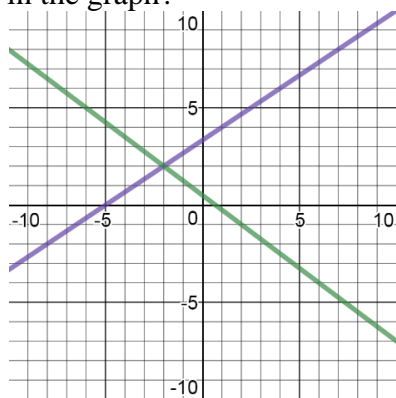
3. Solve the system of linear equations.

$$\begin{cases} y = -4x \\ y = 6 - x \end{cases}$$

- a) (0,0)                      c) (-2,8)  
b) (3,3)                      d) (-1,4)

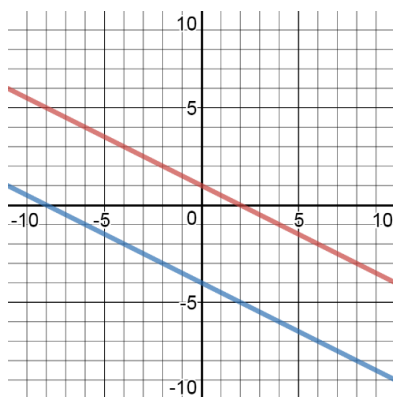
4. What is the solution to the system of linear equations shown in the graph?

- a) (-5,0)  
b) (0,1)  
c) (-2,2)  
d) (2,-2)



5. What is the solution to the system of equations shown in the graph?

- a) (0,1)  
b) (0,-4)  
c) no solution  
d) infinitely many solutions



### Answer Key

- 1. A**  
**2. D**  
**3. C**  
**4. C**  
**5. C**