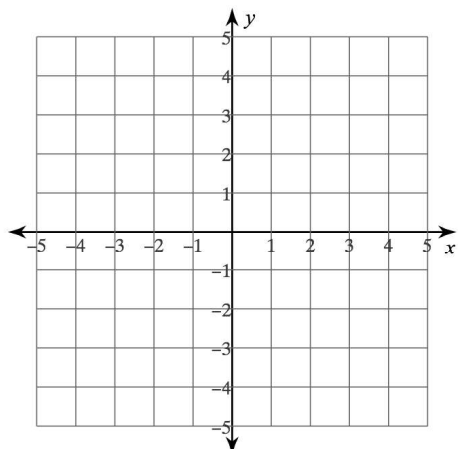


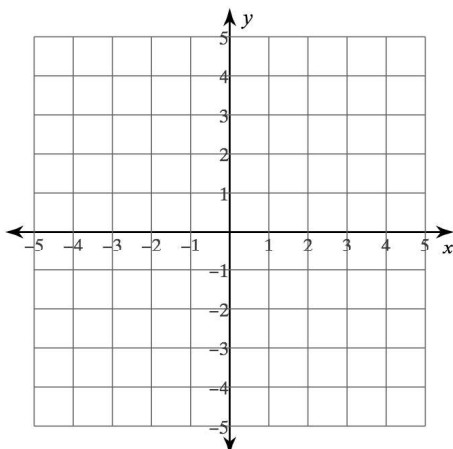
Solving Systems of Equations by Graphing Color-by-Solution!

Solve each system of equations below by graphing and record your solution in the box. Then, write the problem number next to the solution in the color key. Finally, color the design the color next to the problem number in the color key.

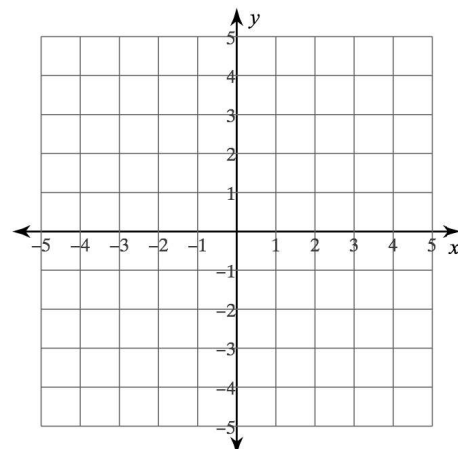
1) $y = x + 3$
 $y = 5x - 1$



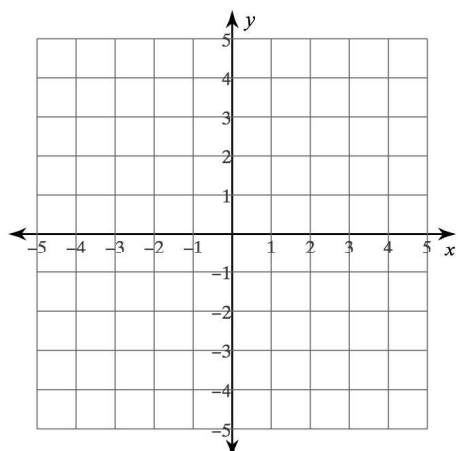
2) $y = x - 2$
 $y = 5x + 2$



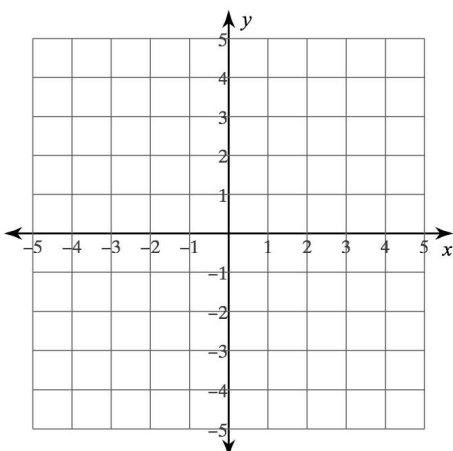
3) $y = 2$
 $y = -x + 1$



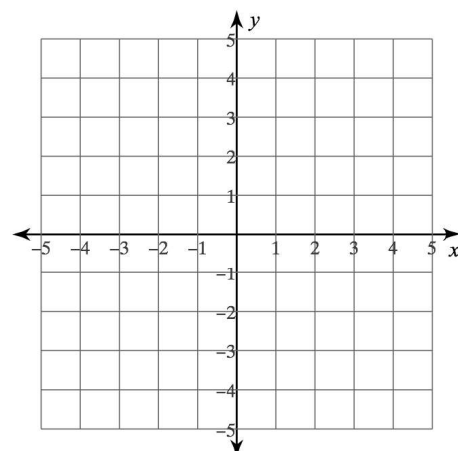
4) $y = -2x + 4$
 $y = 6x - 4$



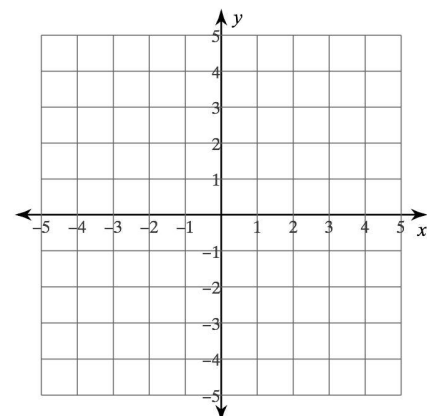
5) $y = -x - 4$
 $y = 3x + 4$



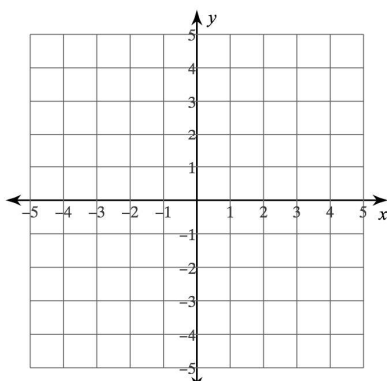
6) $y = -3x + 4$
 $y = 3x - 2$



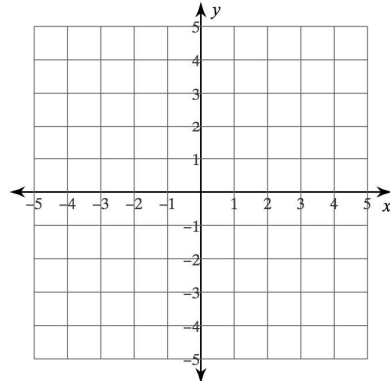
7) $y = -\frac{1}{2}x - 4$
 $y = 2x + 1$



8) $y = \frac{1}{3}x + 3$
 $y = \frac{1}{3}x - 3$



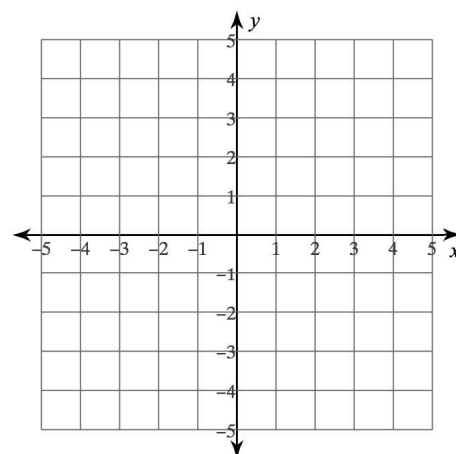
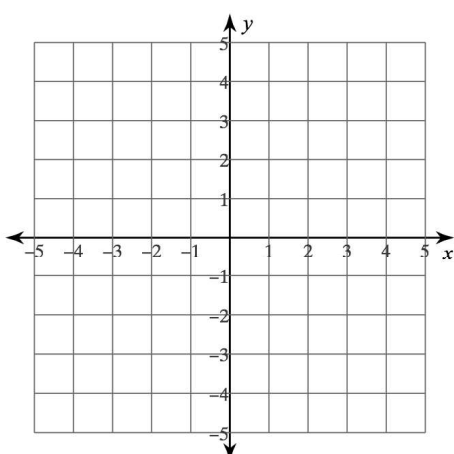
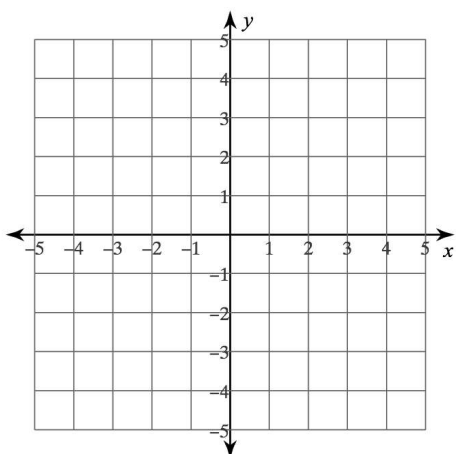
9) $y = -\frac{2}{3}x - 3$
 $y = \frac{4}{3}x + 3$



(10) $8x + y = 4$
 $x + y = -3$

(11) $2x - y = -3$
 $4x + y = -3$

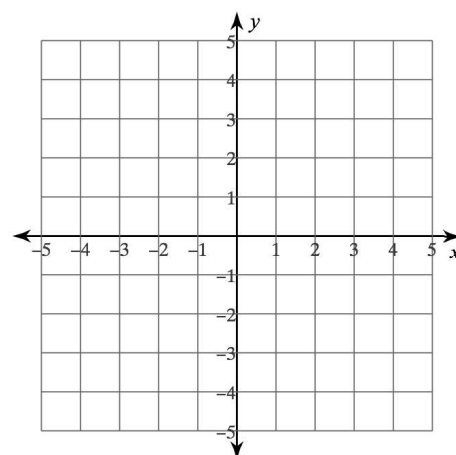
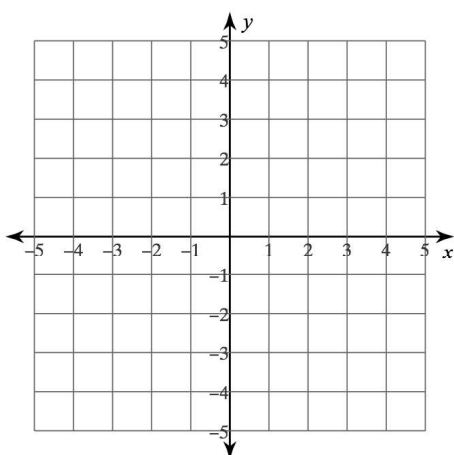
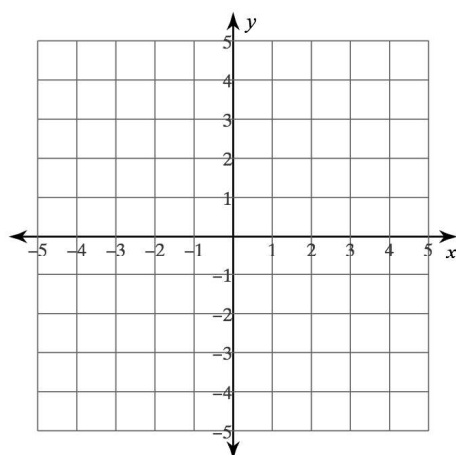
(12) $x - y = 1$
 $5x - y = -3$



(13) $x + 2y = 4$
 $x - 2y = -8$

(14) $3x + 2y = 8$
 $5x - 2y = 8$

(15) $2x - 3y = 3$
 $x = 3$



Color Key!

Your Answer	Problem Number	Color the Problem Number	Your Answer	Problem Number	Color the Problem Number	Your Answer	Problem Number	Color the Problem Number
(-2, 3)		Purple	(1, -4)		Pink	(1, 1)		Yellow
(-1, 2)		Yellow	(1, 4)		Green	(-3, -1)		Red
(1, 2)		Blue	No Solution		Orange	(3, 1)		Purple
(-1, 1)		Blue	(2, 1)		Yellow	(-1, -3)		Blue
(-2, -3)		Orange	(-2, -2)		Red	(-1, -2)		Purple

