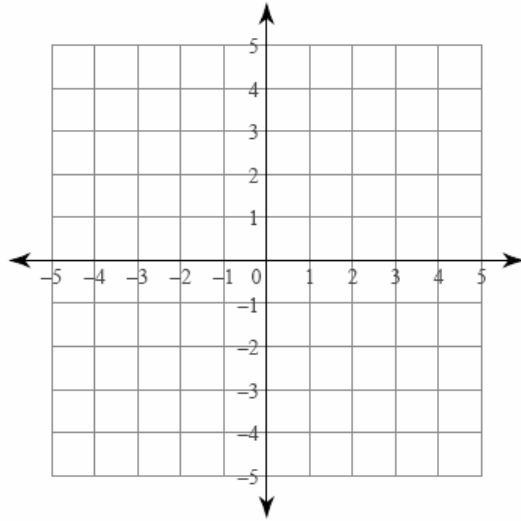


Algebra 1 Yearlong Worksheet 16E

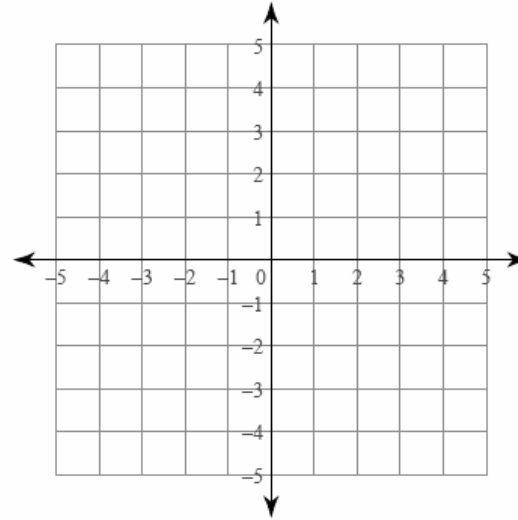
Solve each system by graphing.

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

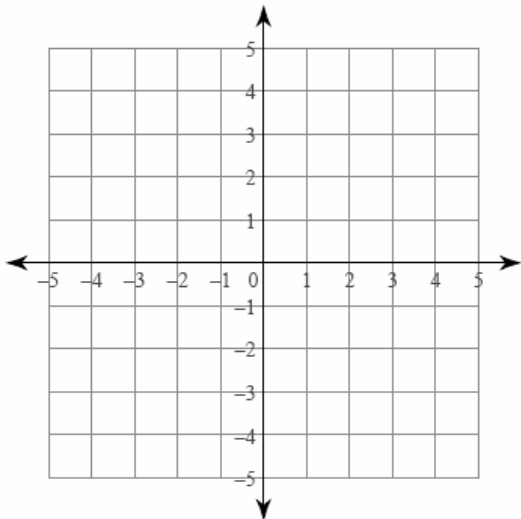
$y = -\frac{1}{3}x + 1$



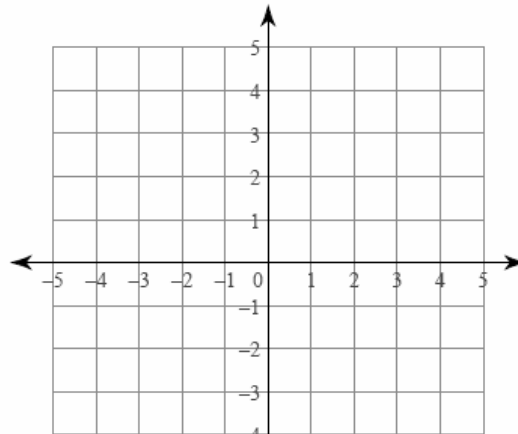
2) $y = -x + 2$
 $y = 2x - 1$



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

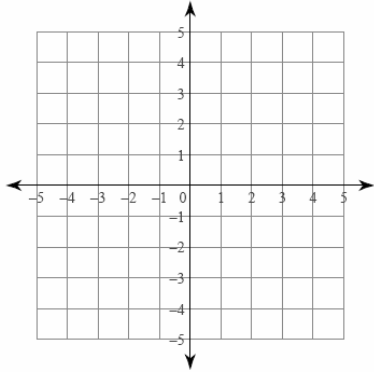


4) $y = -\frac{3}{2}x - 3$
 $y = -\frac{1}{2}x + 1$



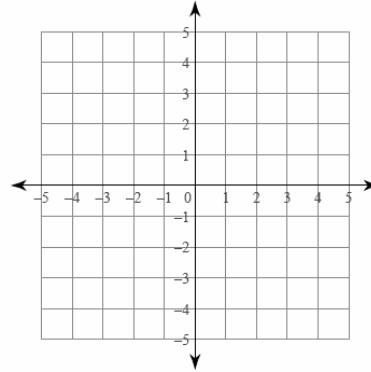
5) $2 - \frac{1}{2}x = -y$

$$0 = -14x + 4y - 16$$



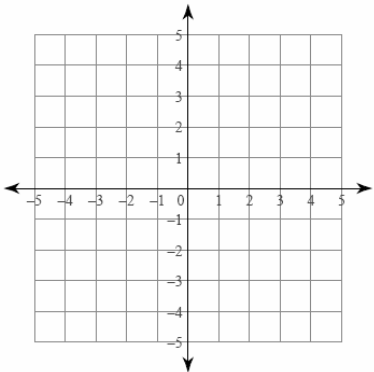
6) $12 = 4y - x$

$$x - \frac{12}{7} = \frac{4}{7}y$$



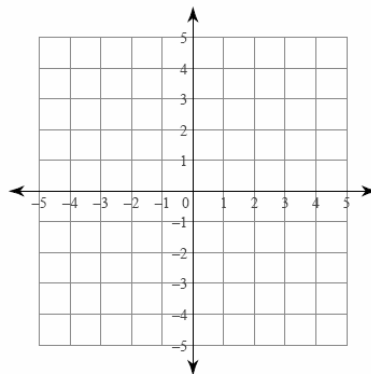
7) $-4 + \frac{5}{4}x = y$

$$3 = y + \frac{1}{2}x$$



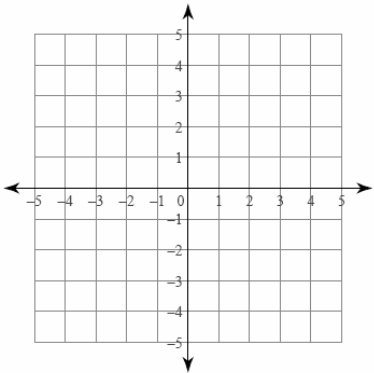
8) $3y = -x - 9$

$$0 = 3 + 3y - x$$



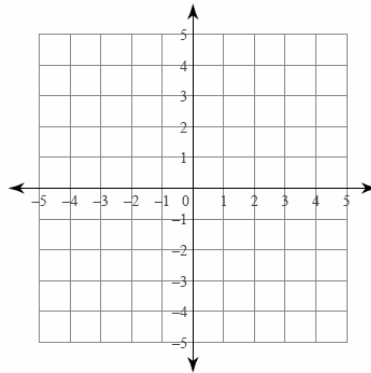
9) $4x + y = -3$

$$3x - y = -4$$



10) $2x - 3y = -6$

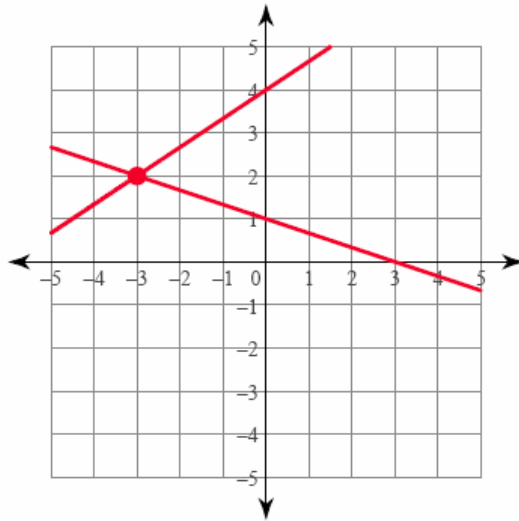
$$7x - 3y = 9$$



Algebra 1 Yearlong Worksheet 16E Answers

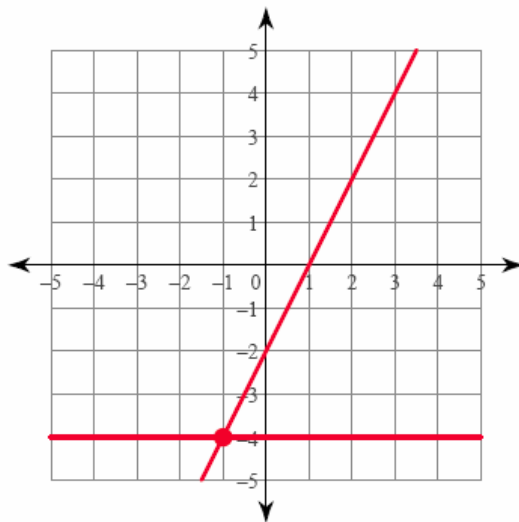
1) $y = \frac{2}{3}x + 4$

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



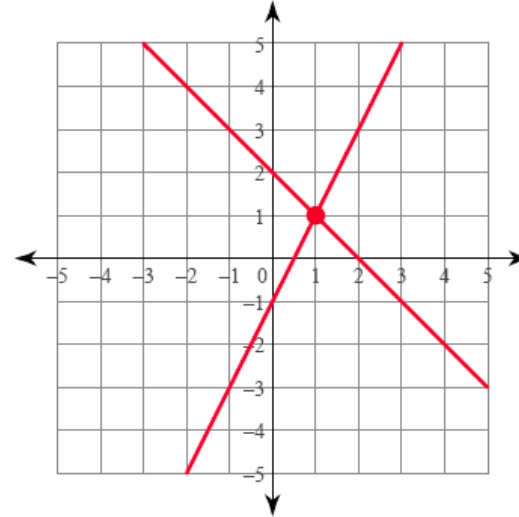
$(-3, 2)$

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



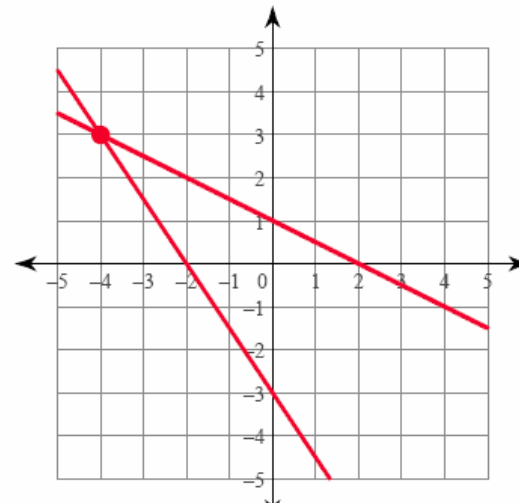
$(-1, -4)$

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



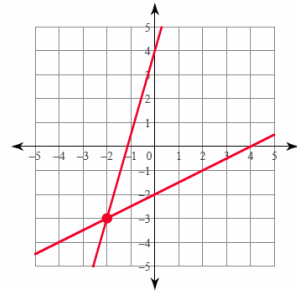
$(1, 1)$

4) $y = -\frac{3}{2}x - 3$
 $y = -\frac{1}{2}x + 1$



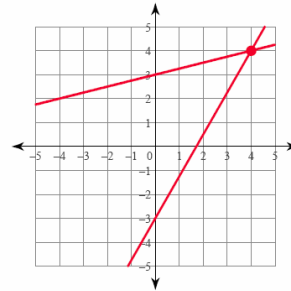
$$5) 2 - \frac{1}{2}x = -y$$

$$0 = -14x + 4y - 16$$


 $(-2, -3)$

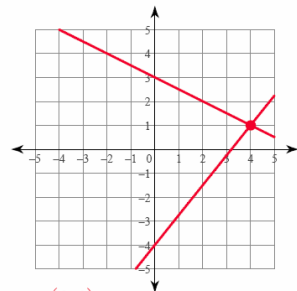
$$6) 12 = 4y - x$$

$$x - \frac{12}{7} = \frac{4}{7}y$$


 $(4, 4)$

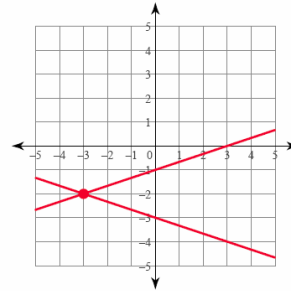
$$7) -4 + \frac{5}{4}x = y$$

$$3 = y + \frac{1}{2}x$$


 $(4, 1)$

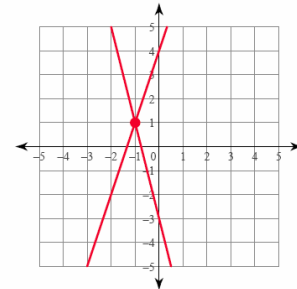
$$8) 3y = -x - 9$$

$$0 = 3 + 3y - x$$


 $(-3, -2)$

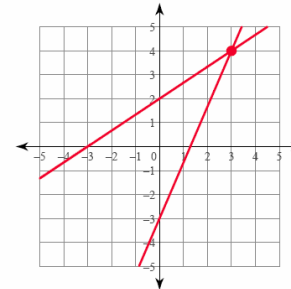
$$9) 4x + y = -3$$

$$3x - y = -4$$


 $(-1, 1)$

$$10) 2x - 3y = -6$$

$$7x - 3y = 9$$


 $(3, 4)$