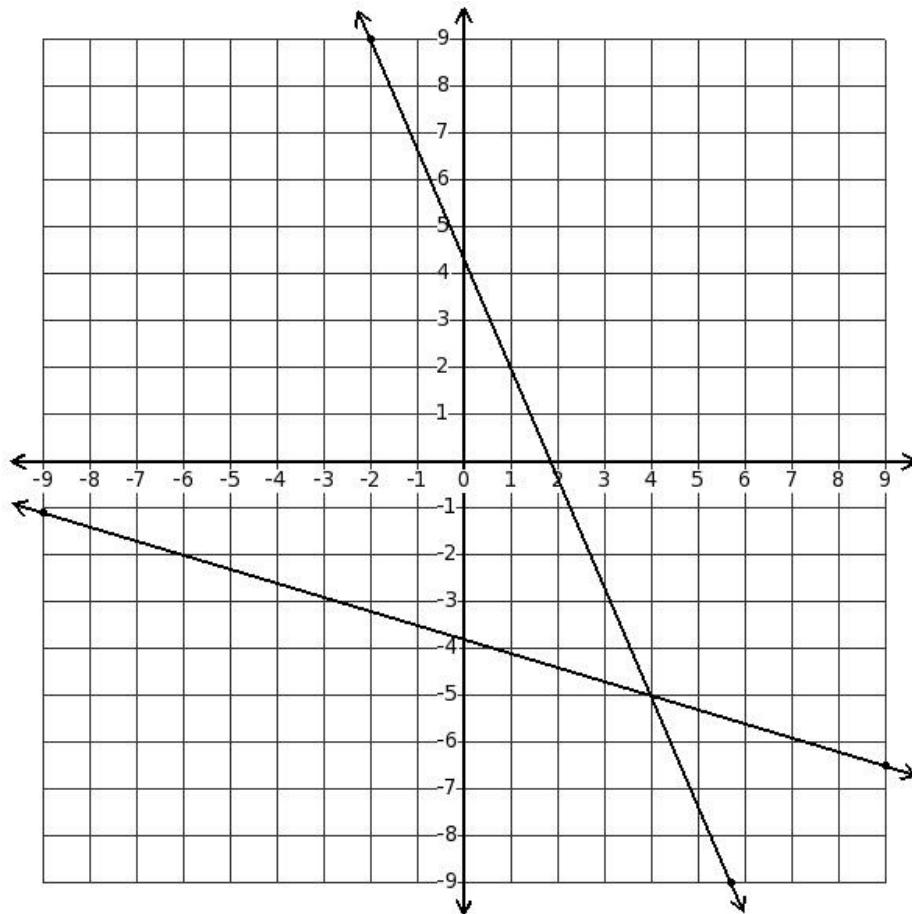


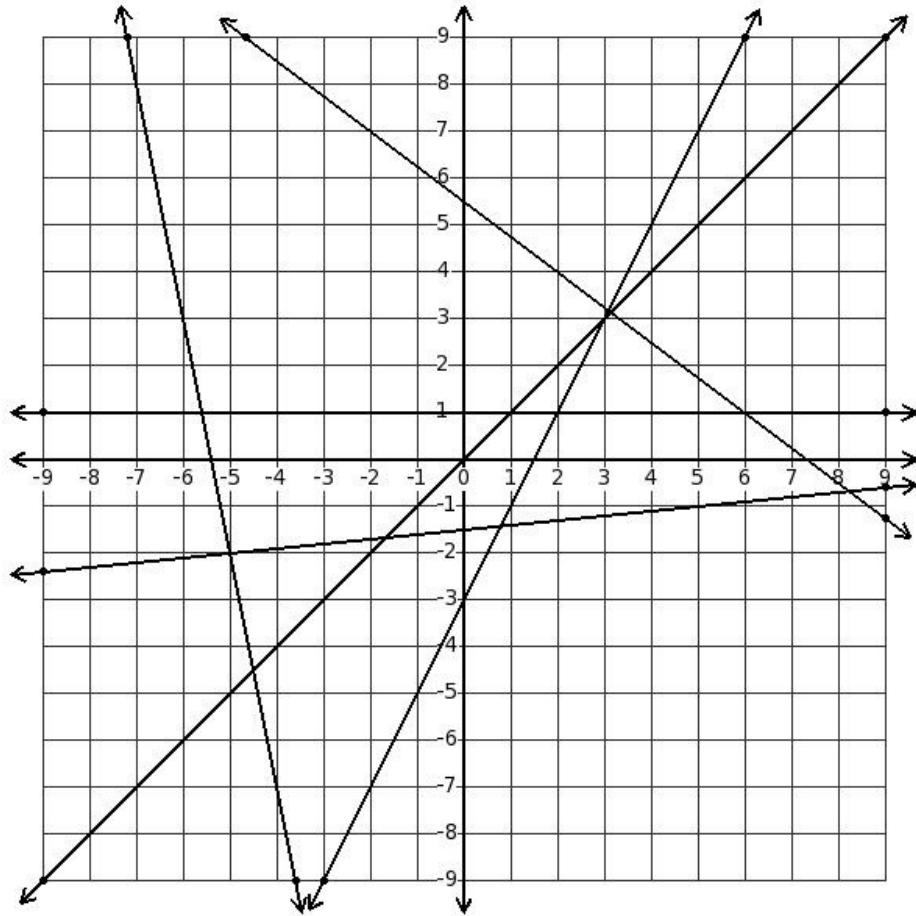


1. Solve $(-3x - 10y - 38) = 0$
 $(7x + 3y - 13) = 0$



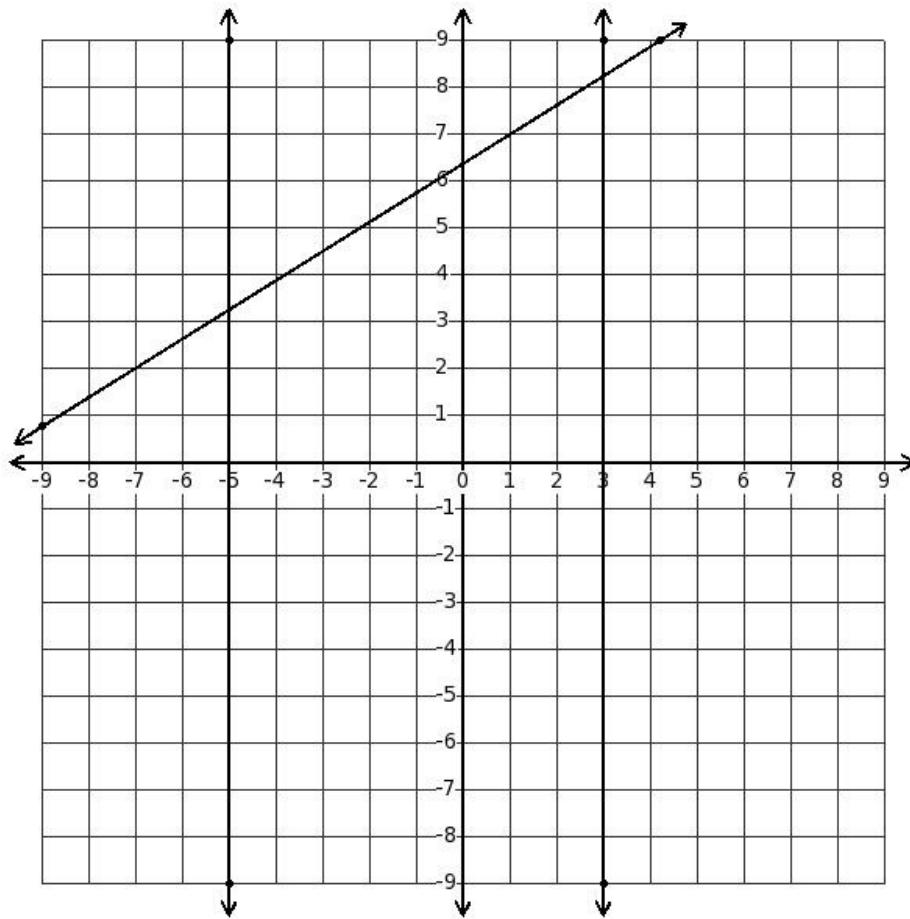
- (i) $(2, -7)$ (ii) $(4, -5)$ (iii) $(5, -6)$ (iv) $(3, -4)$ (v) $(6, -3)$

2. Solve $(-5x - y - 27) = 0$
 $(x - 10y - 15) = 0$



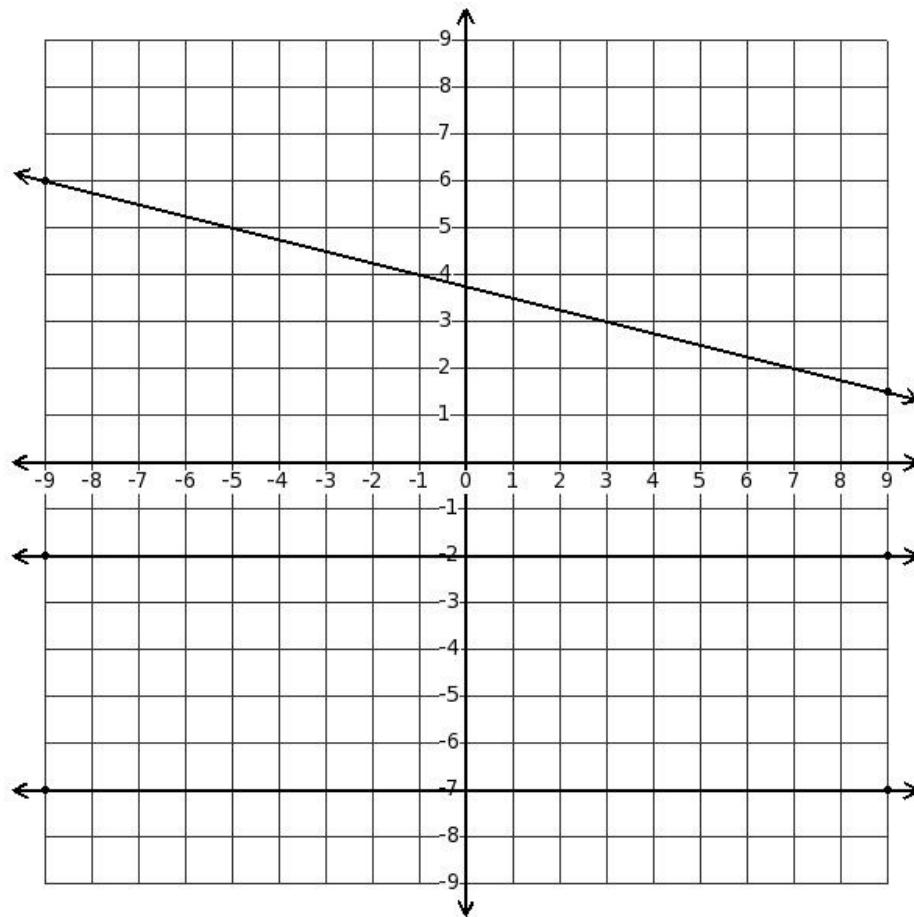
- (i) $((-3), 0)$ (ii) $(6, 1)$ (iii) $((-7), (-4))$ (iv) $((-5), (-2))$ (v) $(3, 3)$

3. Solve $(x-3)=0$
 $(x+5)=0$



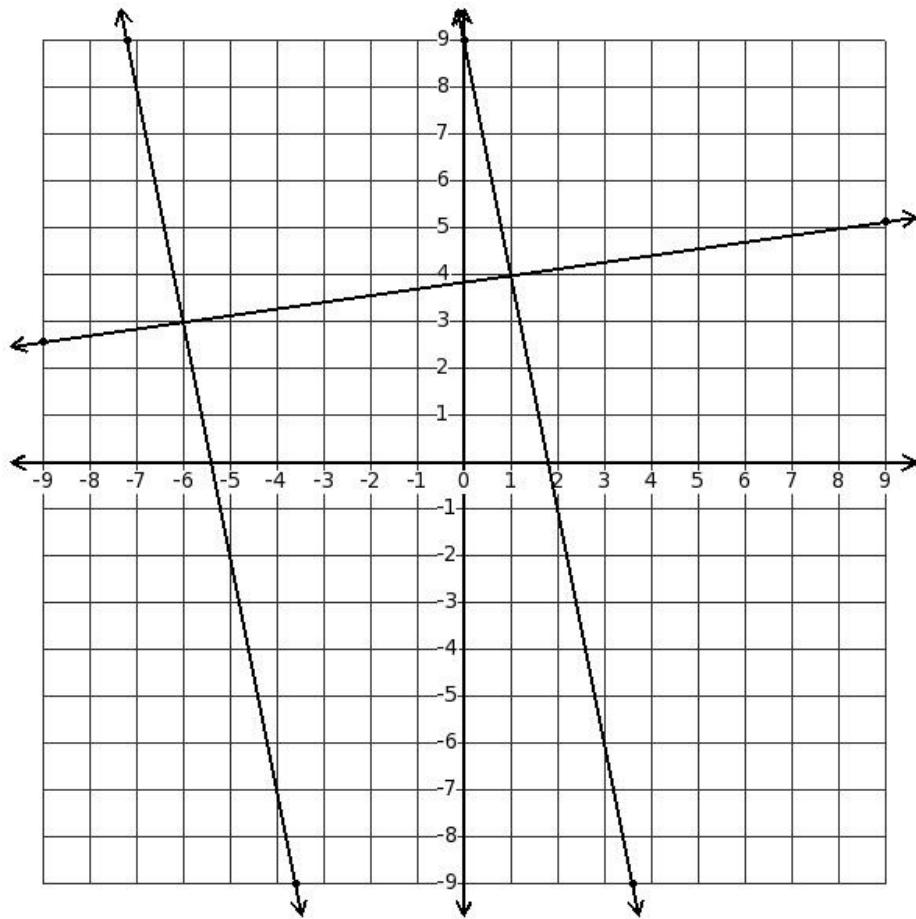
- (i) $((-7), 2)$ (ii) $((-1), 5)$ (iii) No solution (iv) $(1, 7)$ (v) Infinite solutions

4. Solve $(y+2)=0$
 $(y+7)=0$



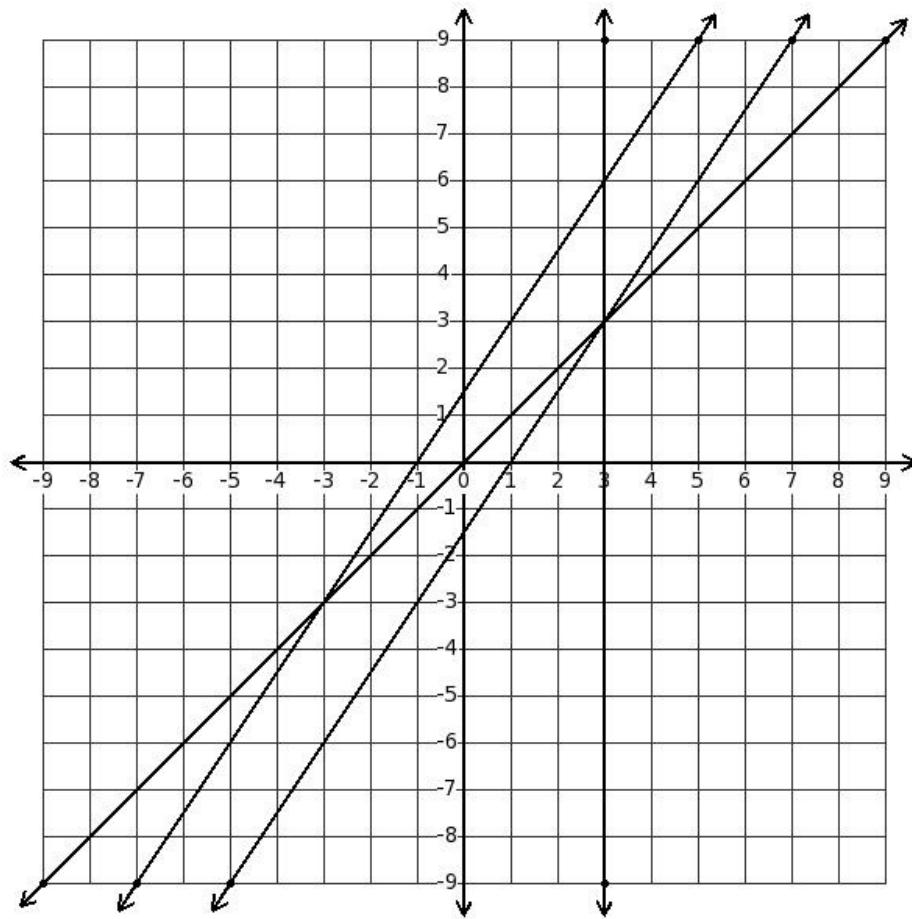
- (i) $(3, 3)$ (ii) Infinite solutions (iii) No solution (iv) $((-5), 5)$ (v) $((-7), 3)$

5. Solve $(-10x - 2y + 18) = 0$
 $(10x + 2y + 54) = 0$



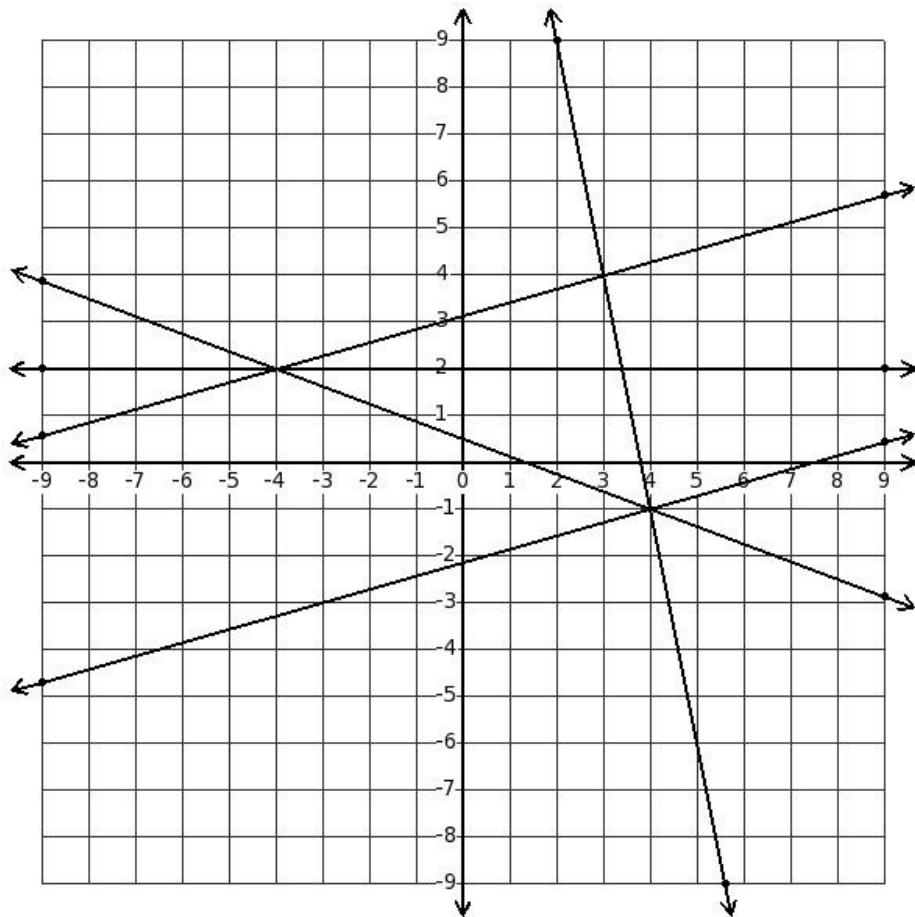
- (i) No solution (ii) Infinite solutions (iii) $(1, 4)$ (iv) $((-6), 3)$ (v) $((-1), 2)$

6. Solve $(9x - 6y + 9) = 0$
 $(18x - 12y + 18) = 0$



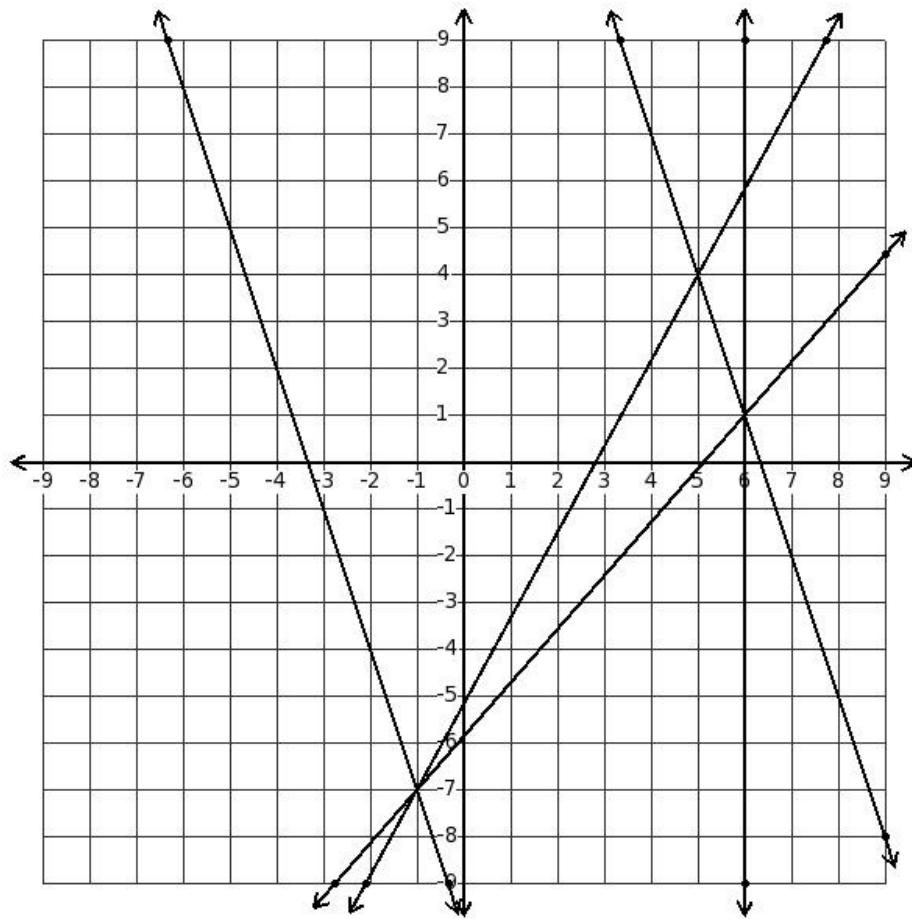
- (i) $((-3), (-3))$ (ii) $(3, 3)$ (iii) No solution (iv) $(3, 6)$ (v) Infinite solutions

7. Solve $(2x - 7y + 22) = 0$
 $(y - 2) = 0$



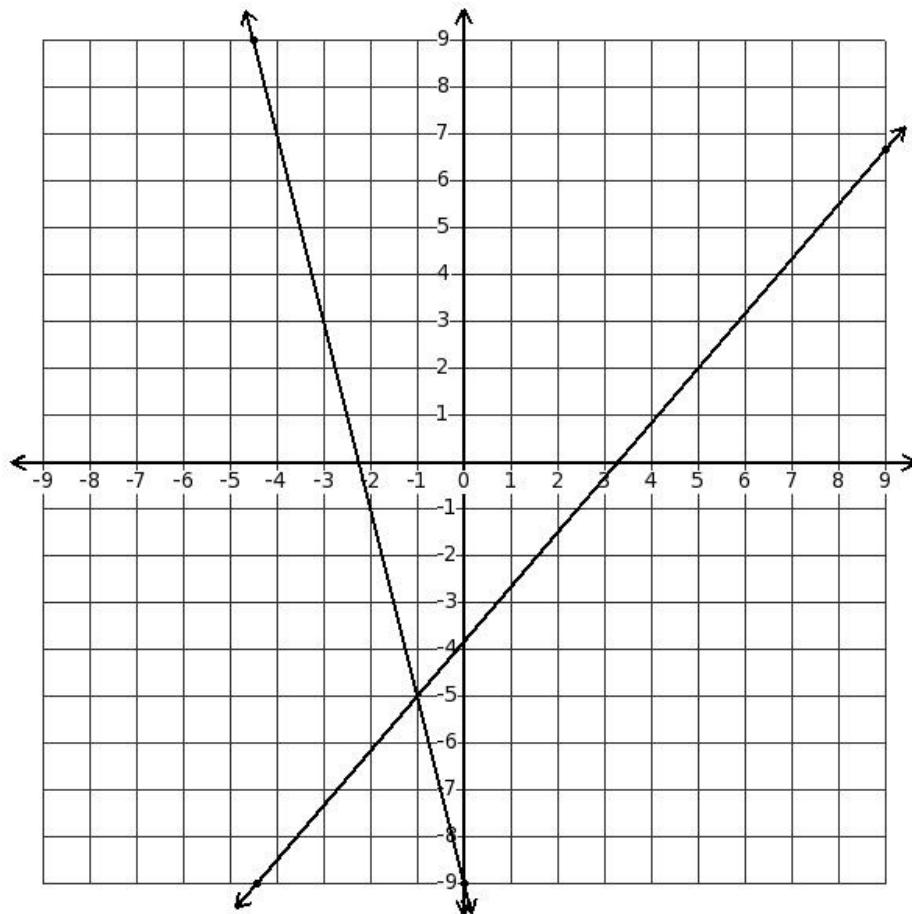
- (i) $((-4), 2)$ (ii) $(3, 4)$ (iii) $(0, 2)$ (iv) $((-4), 0)$ (v) $(4, (-1))$

8. Solve $(3x+y-19)=0$
 $(x-6) = 0$



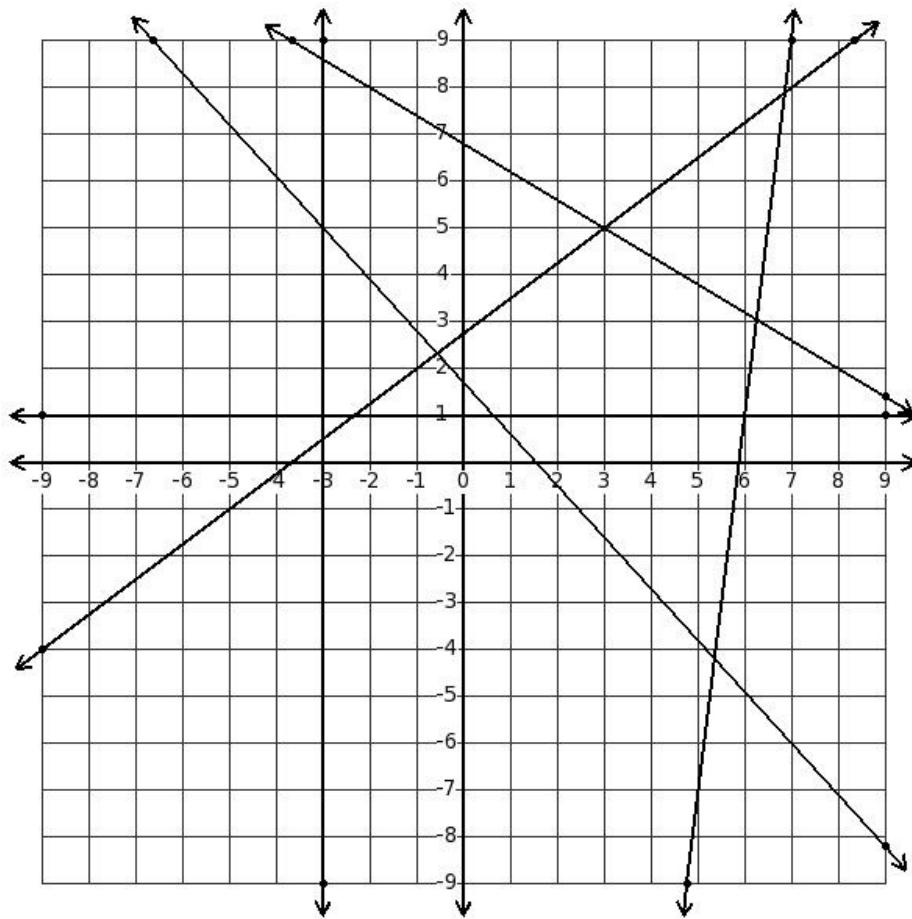
- (i) (6,1) (ii) (6,0) (iii) (5,4) (iv) (0,1) (v) ((-1),(-7))

9. Solve $\begin{cases} -7x + 6y + 23 = 0 \\ 4x + y + 9 = 0 \end{cases}$



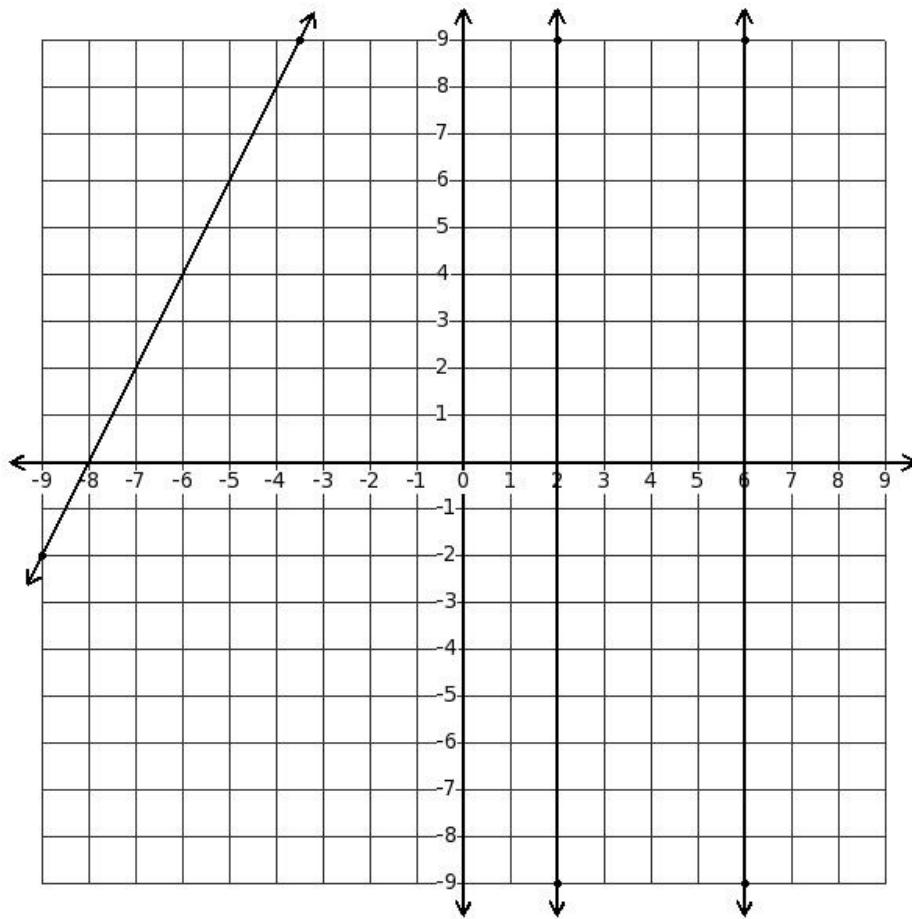
- (i) $(1, -3)$ (ii) $((-2), -4)$ (iii) $((-1), -5)$ (iv) $((-3), -7)$ (v) $(0, -6)$

10. Solve $\begin{aligned} 4x+12 &= 0 \\ -11x-10y+17 &= 0 \end{aligned}$



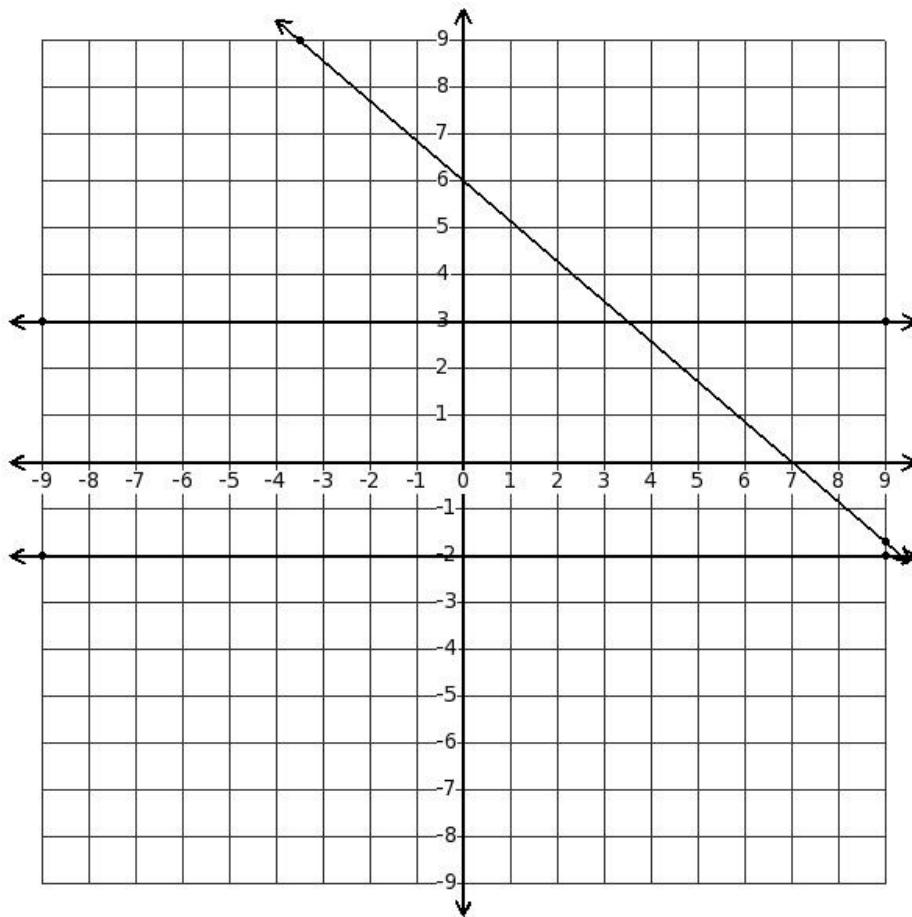
- (i) $((-3), 5)$ (ii) $((-1), 7)$ (iii) $((-5), 3)$ (iv) $(6, 1)$ (v) $(3, 5)$

11. Solve $(x-6)=0$
 $(x-2)=0$



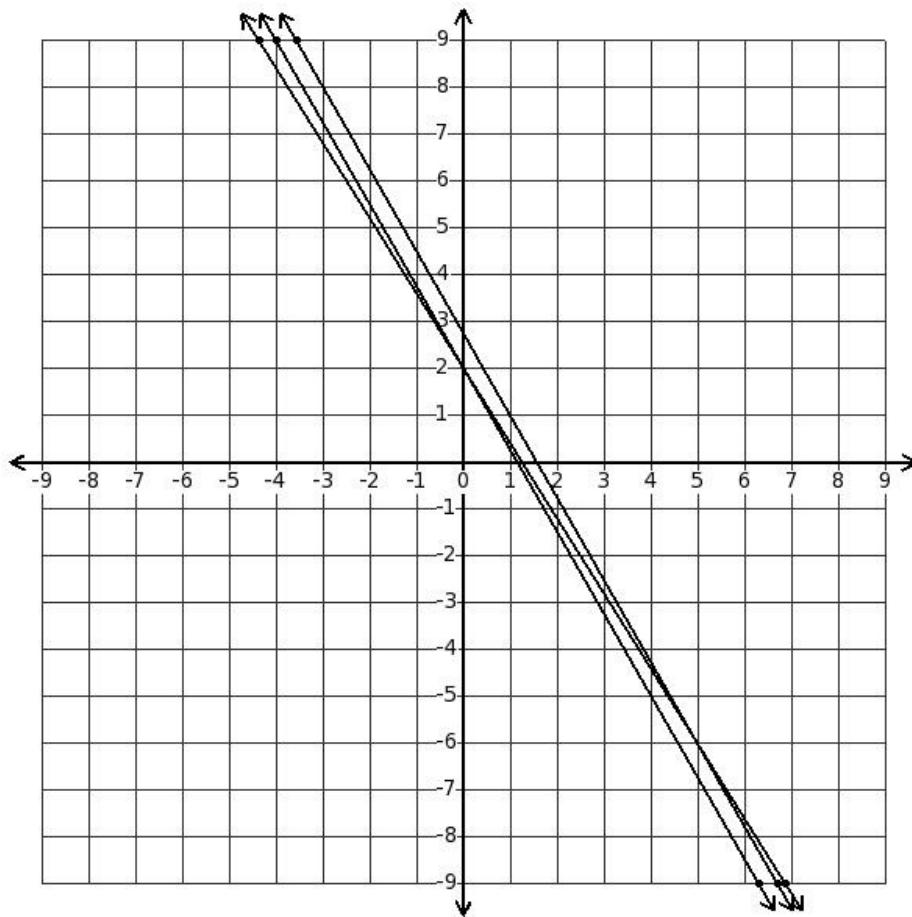
- (i) $((-8), 2)$ (ii) No solution (iii) $((-7), 2)$ (iv) $((-6), 4)$ (v) Infinite solutions

12. Solve $(y+2)=0$
 $(y-3)=0$



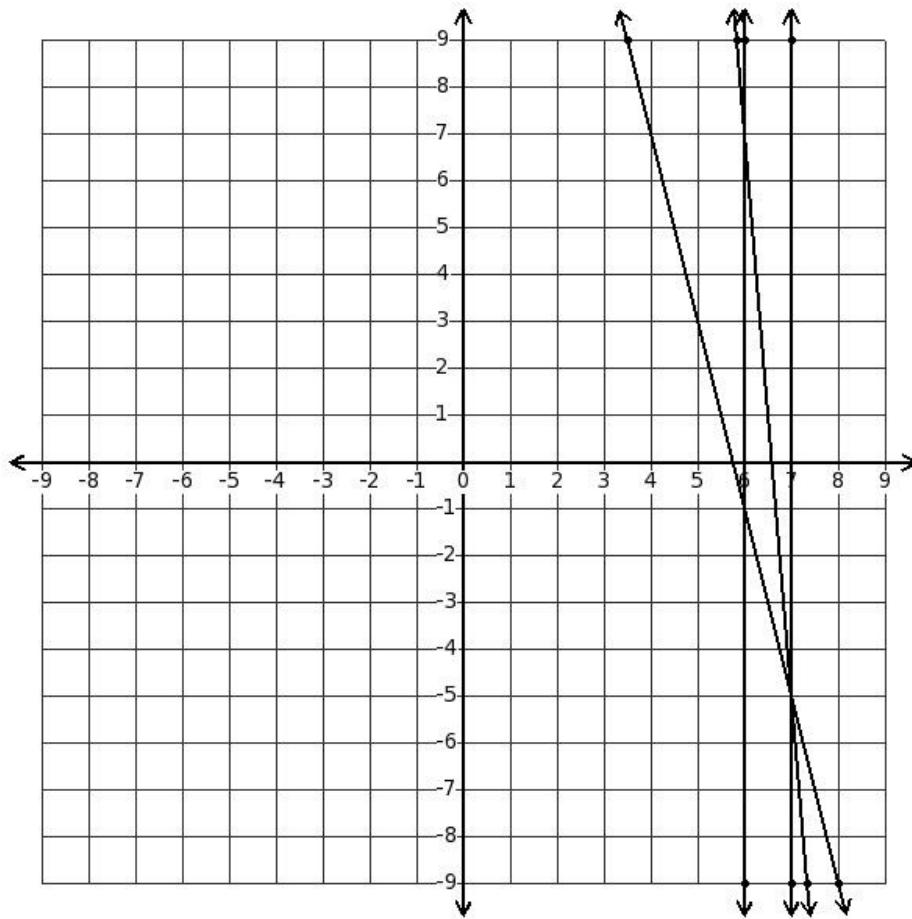
- (i) Infinite solutions (ii) No solution (iii) (0,6) (iv) (7,0) (v) (5,(-2))

13. Solve $\begin{cases} -7x - 4y + 8 = 0 \\ 7x + 4y - 11 = 0 \end{cases}$



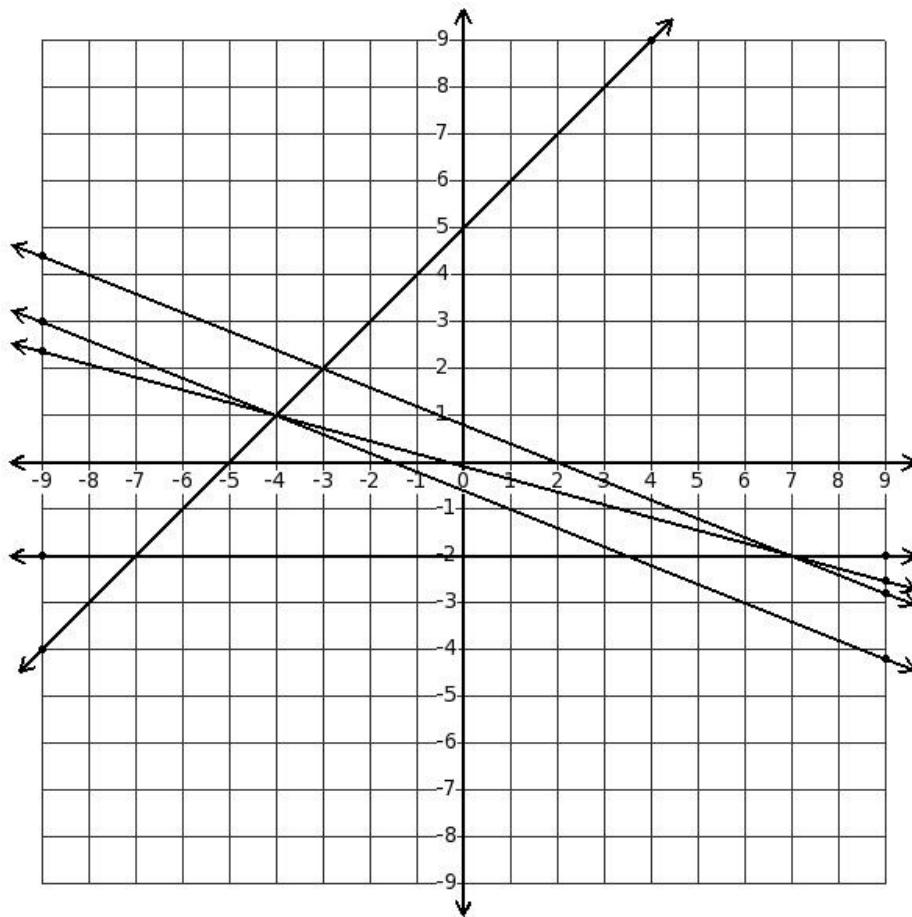
- (i) Infinite solutions (ii) $((-2), 0)$ (iii) $(5, (-6))$ (iv) No solution (v) $(0, 2)$

14. Solve $\frac{8x-48}{(32x-192)} = 0$



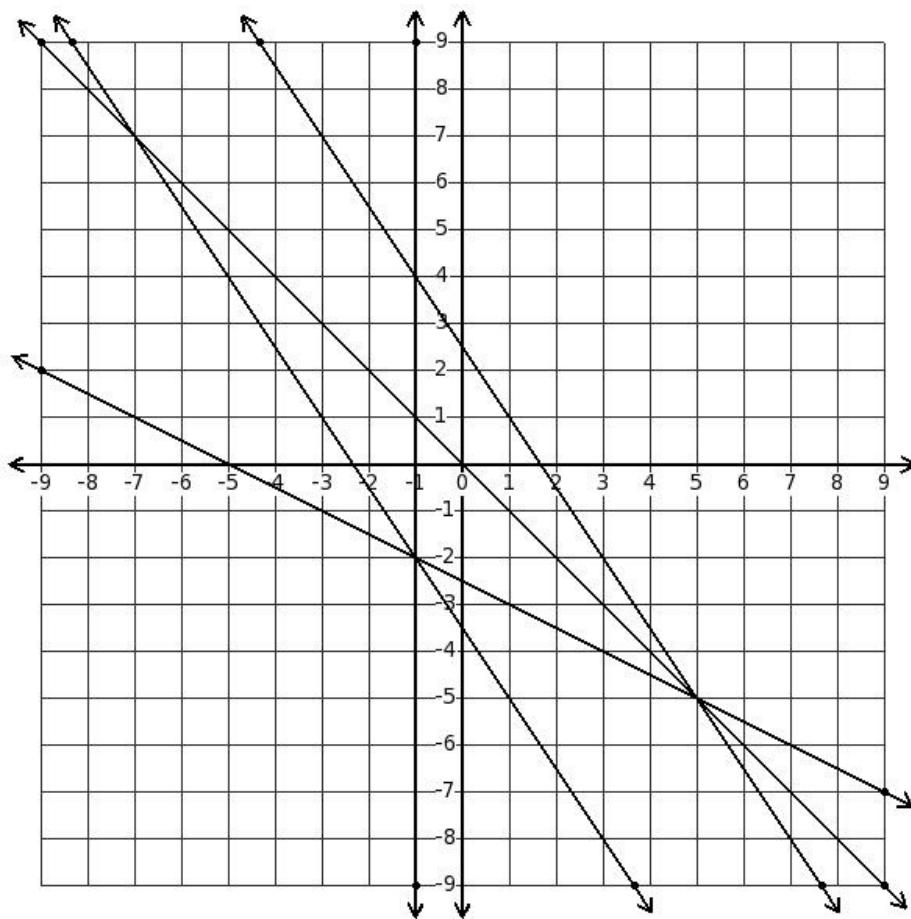
- (i) Infinite solutions (ii) (6, 7) (iii) (6, (-1)) (iv) No solution (v) (7, (-5))

15. Solve $\begin{aligned} 4x + 10y - 8 &= 0 \\ (y+2) &= 0 \end{aligned}$



- (i) $((-4), 1)$ (ii) $(7, 0)$ (iii) $(0, (-2))$ (iv) $(7, (-2))$ (v) $((-3), 2)$

16. Solve $\begin{aligned} 9x+6y+21 &= 0 \\ (x+1) &= 0 \end{aligned}$



- (i) $(0, -2)$ (ii) $(5, -5)$ (iii) $((-1), -2)$ (iv) $((-1), 0)$ (v) $((-7), 7)$

Assignment Key

1) (ii)	2) (iv)	3) (iii)	4) (iii)	5) (i)	6) (v)
7) (i)	8) (i)	9) (iii)	10) (i)	11) (ii)	12) (ii)
13) (iv)	14) (i)	15) (iv)	16) (iii)		