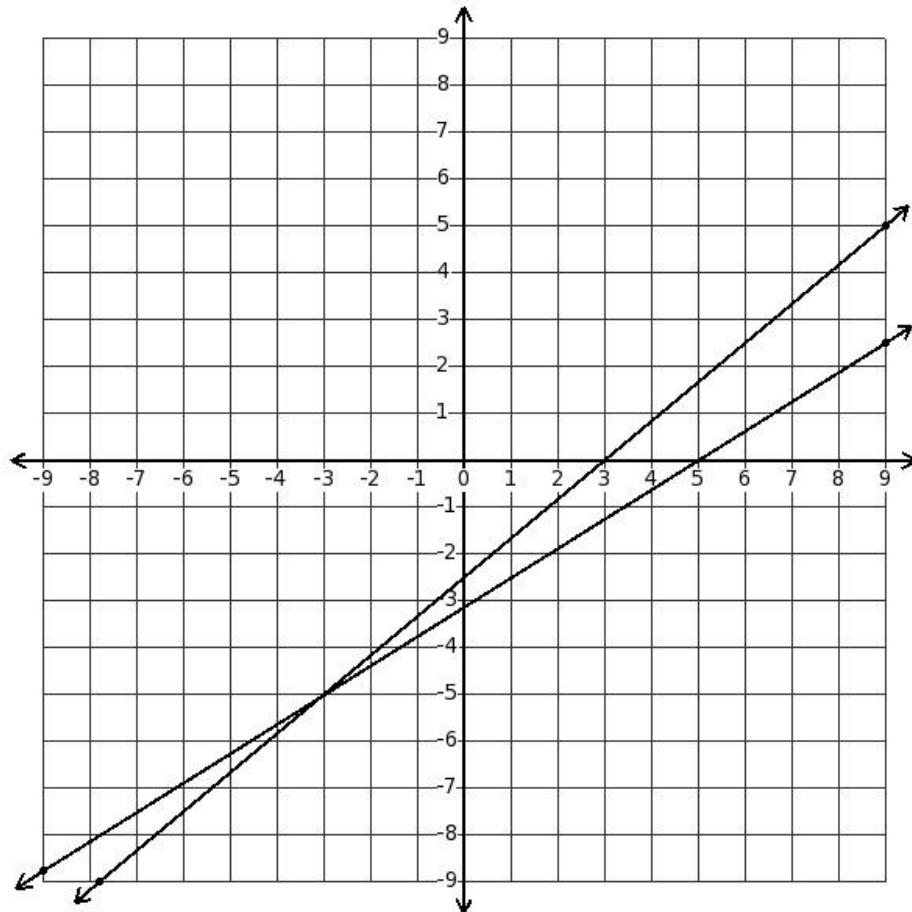


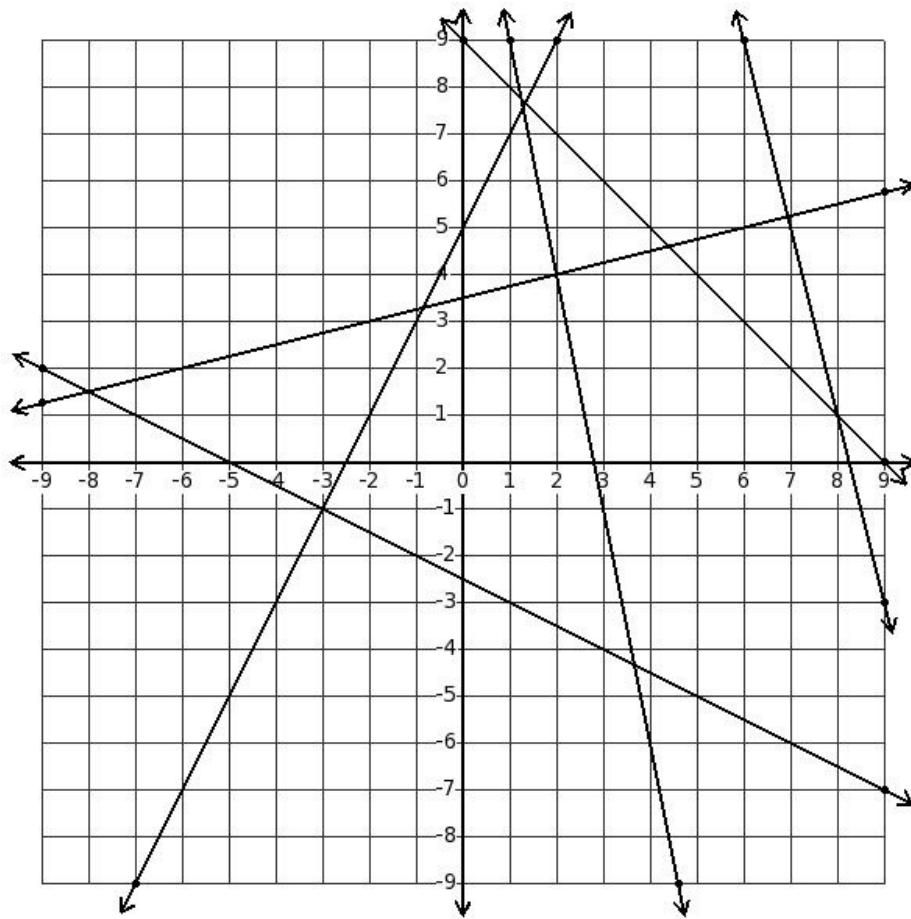


1. Solve $(-5x+8y+25)=0$
 $(5x-6y-15) = 0$



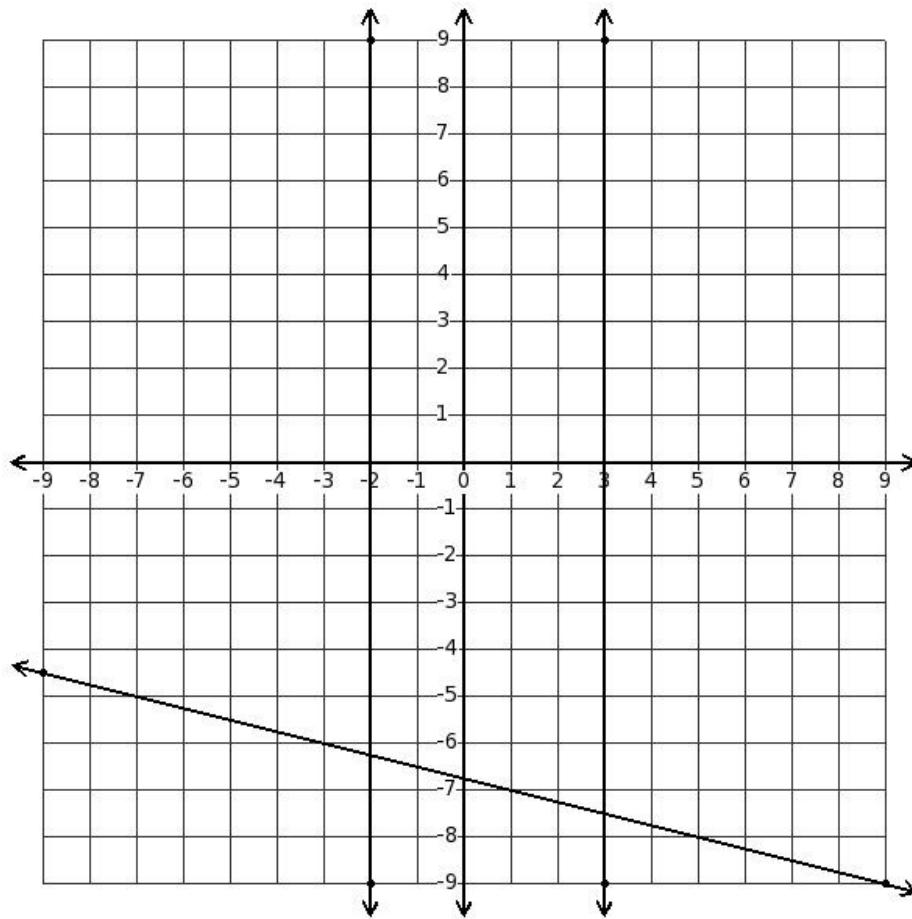
- (i) $((-3),(-5))$ (ii) $((-2),(-6))$ (iii) $((-1),(-3))$ (iv) $((-4),(-4))$ (v) $((-5),(-7))$

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



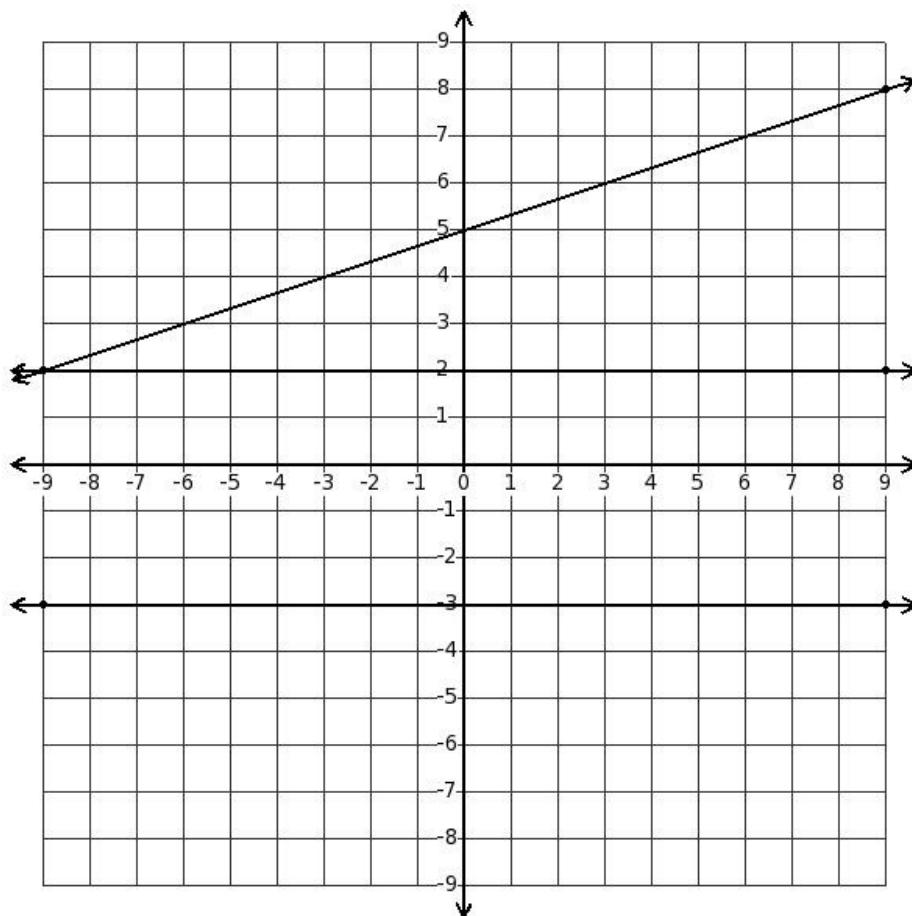
- (i) $(2, 4)$ (ii) $(8, 1)$ (iii) $((-5), (-3))$ (iv) $((-1), 1)$ (v) $((-3), (-1))$

3. Solve $(x-3)=0$
 $(x+2)=0$



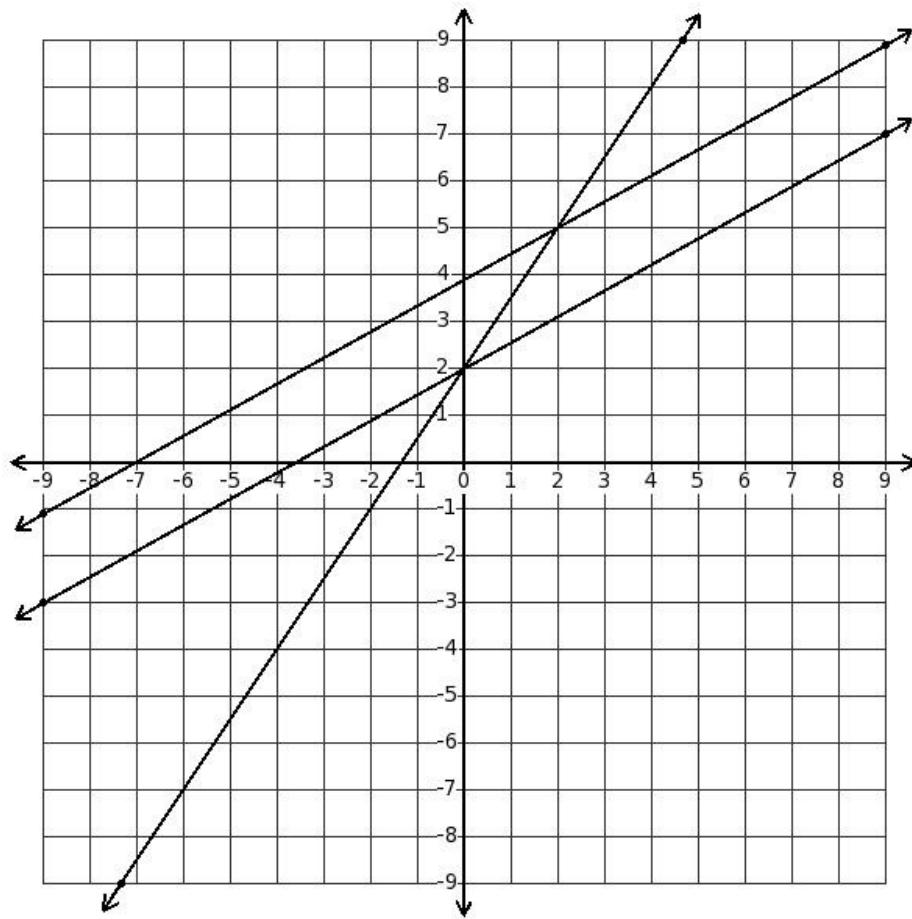
- (i) Infinite solutions (ii) $(1, -7)$ (iii) $((-3), (-6))$ (iv) $((-5), (-8))$ (v) No solution

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



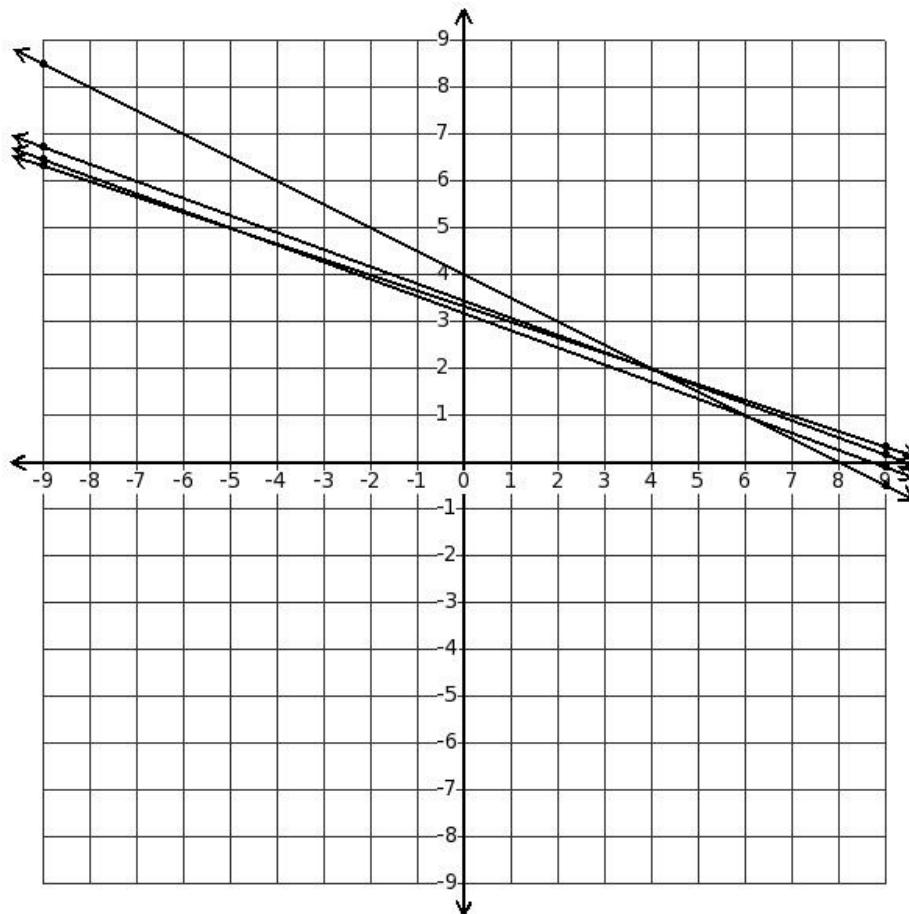
- (i) (3,6) (ii) (4,5) (iii) Infinite solutions (iv) No solution (v) (6,7)

5. Solve $(-5x+9y-35)=0$
 $(-5x+9y-18)=0$



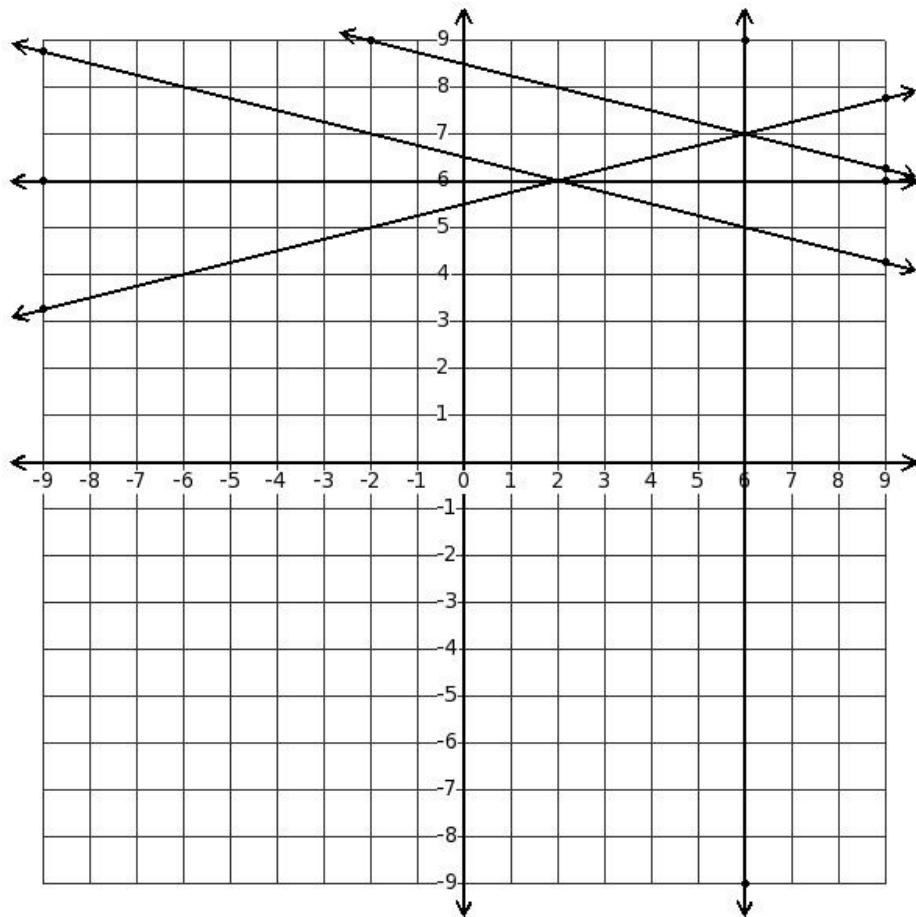
- (i) (2, 5) (ii) No solution (iii) (0, 3) (iv) Infinite solutions (v) (0, 2)

6. Solve $(-4x - 11y + 35) = 0$
 $(-8x - 22y + 70) = 0$



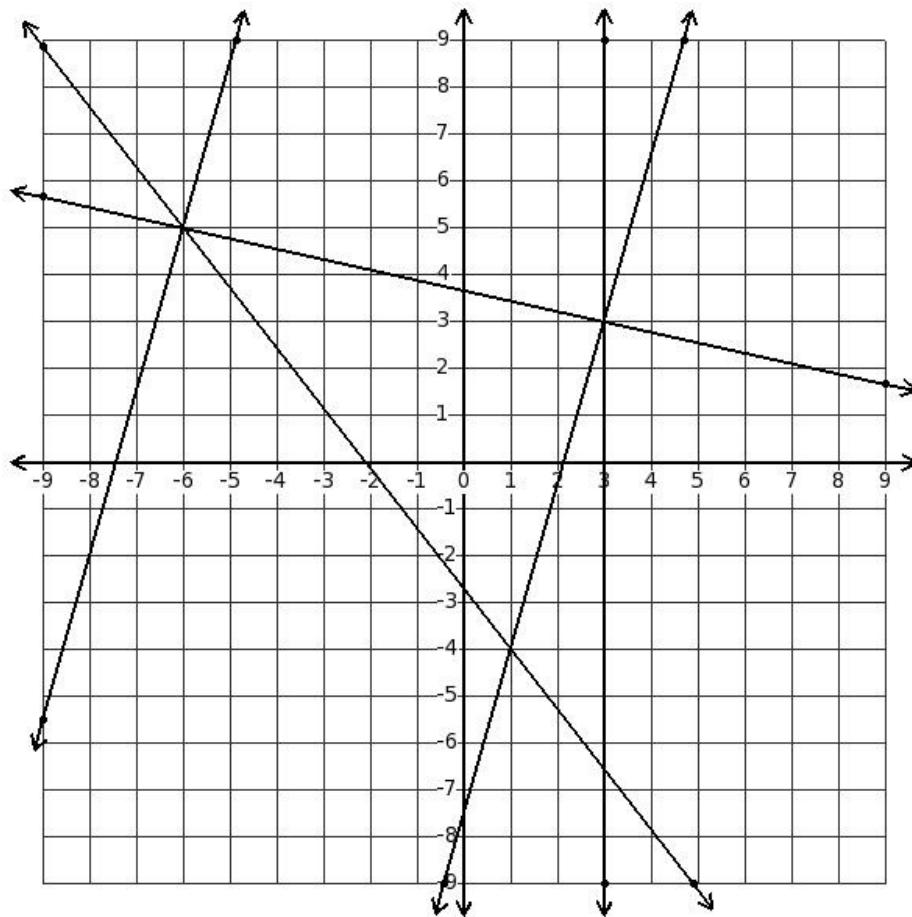
- (i) Infinite solutions (ii) (4, 2) (iii) ((-5), 5) (iv) (6, 1) (v) No solution

7. Solve $(-x - 4y + 26) = 0$
 $(y - 6) = 0$



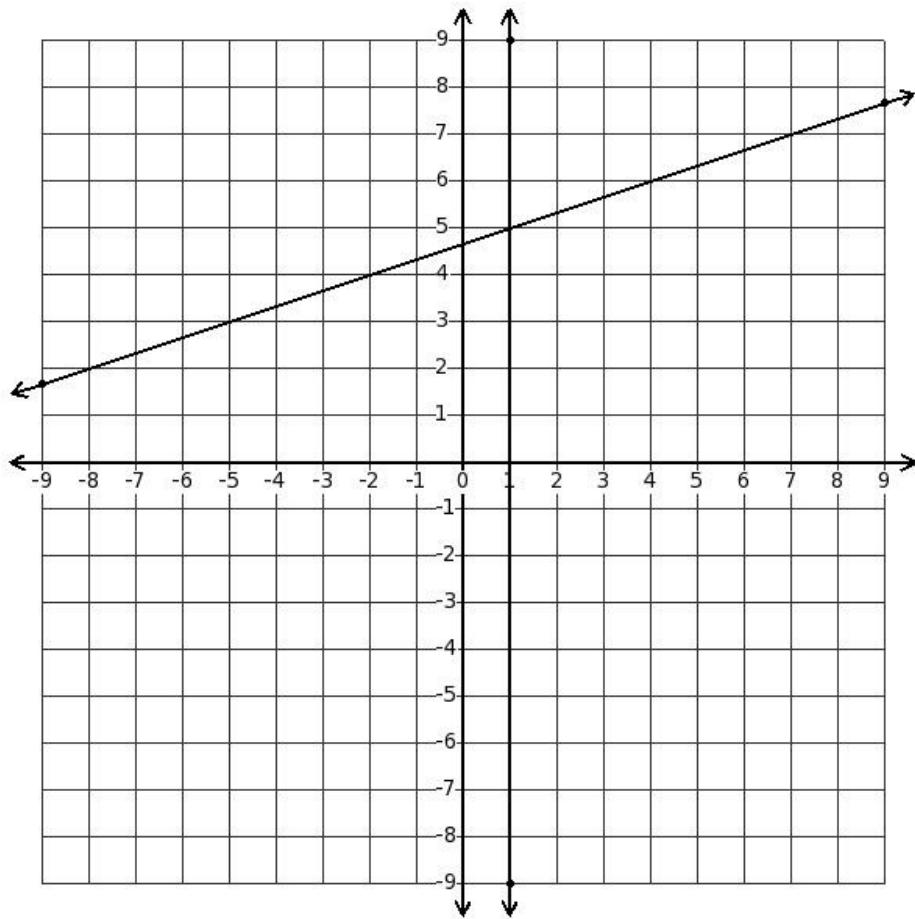
- (i) (6, 7) (ii) (2, 0) (iii) (0, 6) (iv) (6, 5) (v) (2, 6)

8. Solve $\begin{aligned} (-7x+2y+15) &= 0 \\ (x-3) &= 0 \end{aligned}$



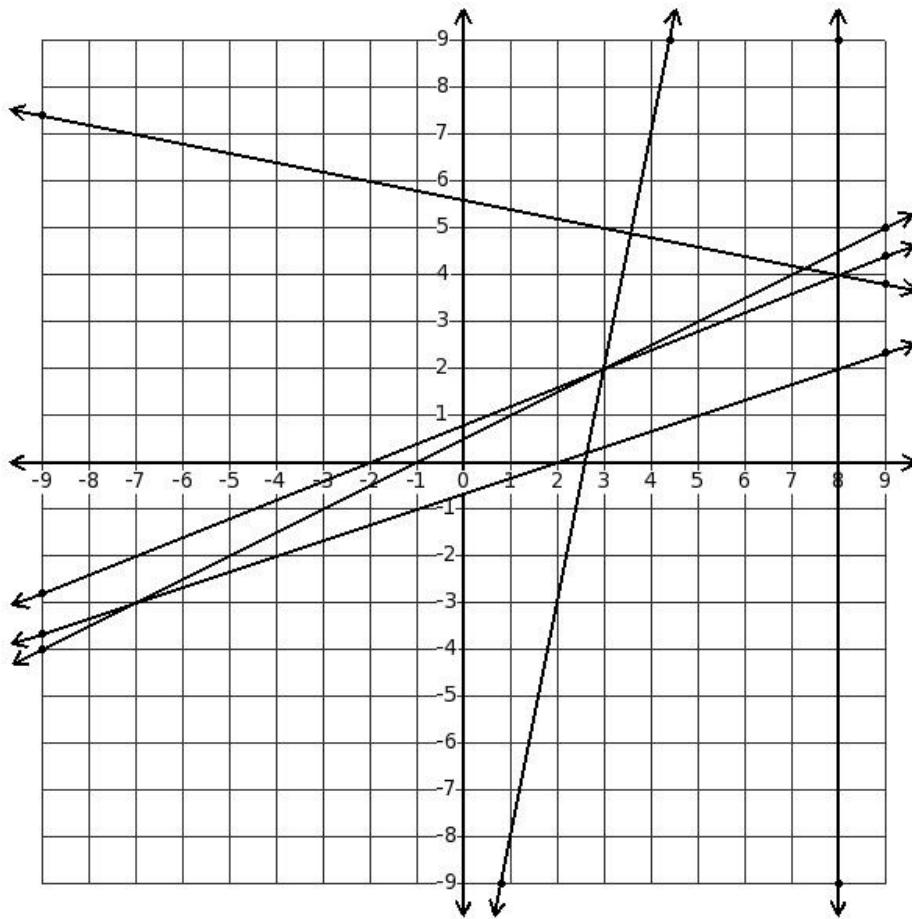
- (i) $(1, -4)$ (ii) $(3, 3)$ (iii) $(0, 3)$ (iv) $(3, 0)$ (v) $((-6), 5)$

9. Solve $(2x - 6y + 28) = 0$
 $(-11x + 11) = 0$



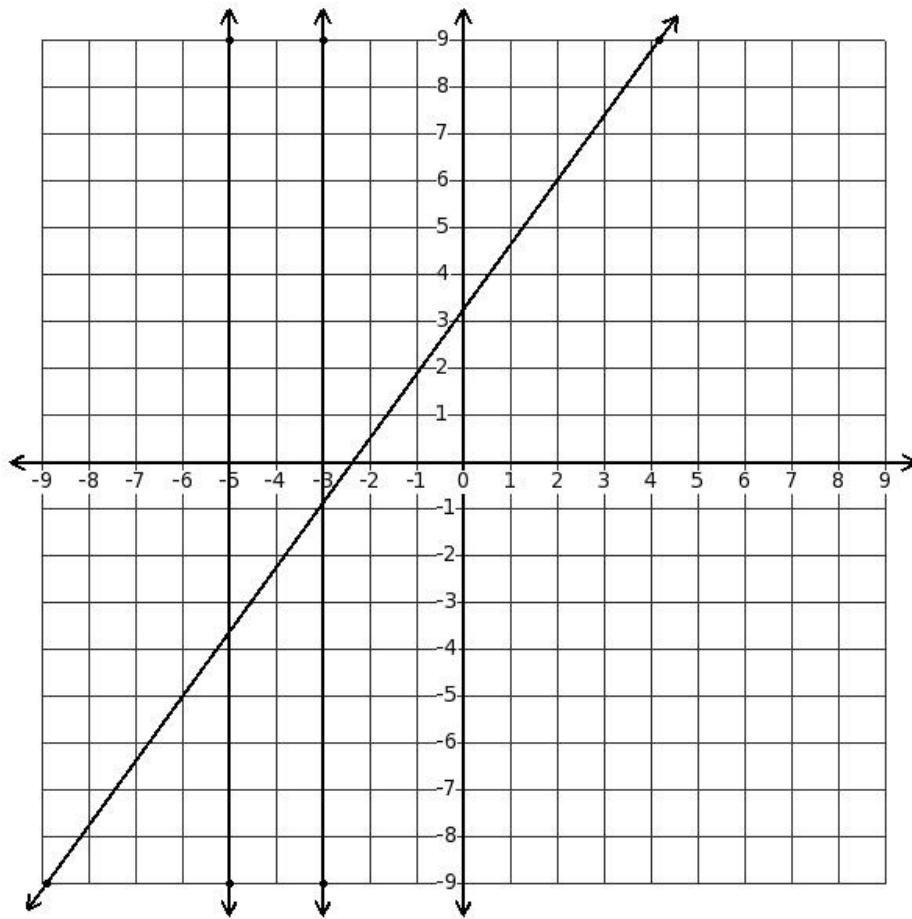
- (i) (0, 6) (ii) (3, 7) (iii) (2, 4) (iv) ((-1), 3) (v) (1, 5)

10. Solve $\begin{cases} -x+3y+2 = 0 \\ 5x-10y+5 = 0 \end{cases}$



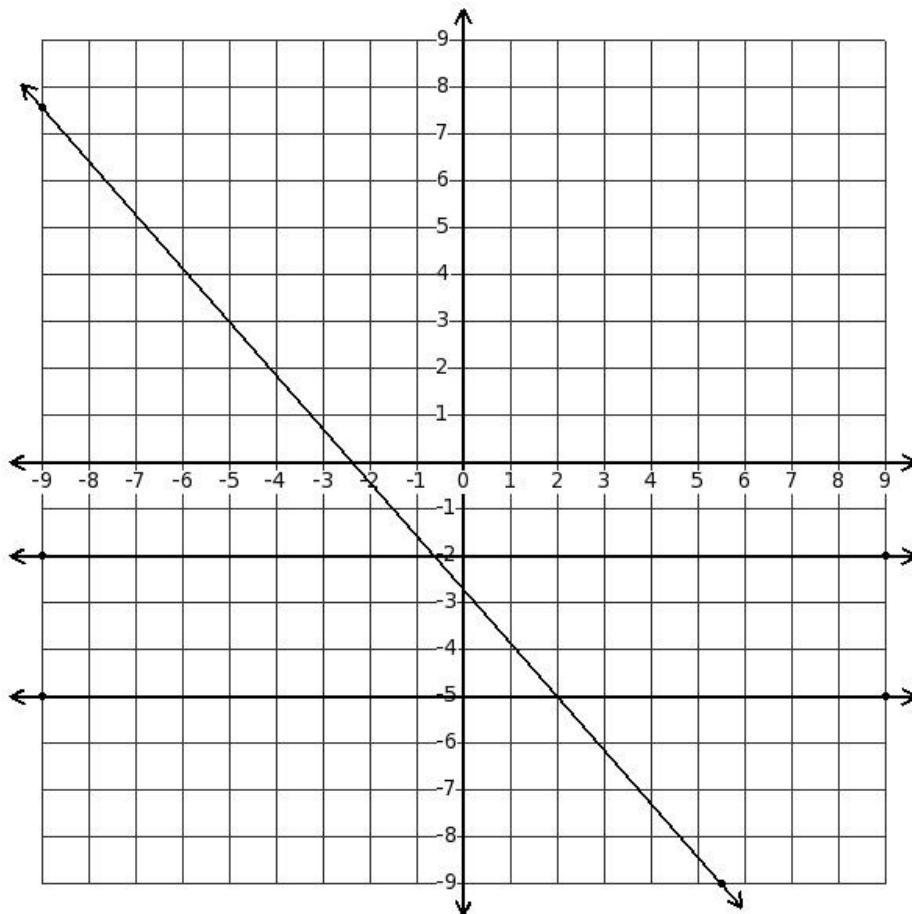
- (i) $((-5), (-1))$ (ii) $(8, 4)$ (iii) $((-9), (-5))$ (iv) $((-7), (-3))$ (v) $(3, 2)$

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



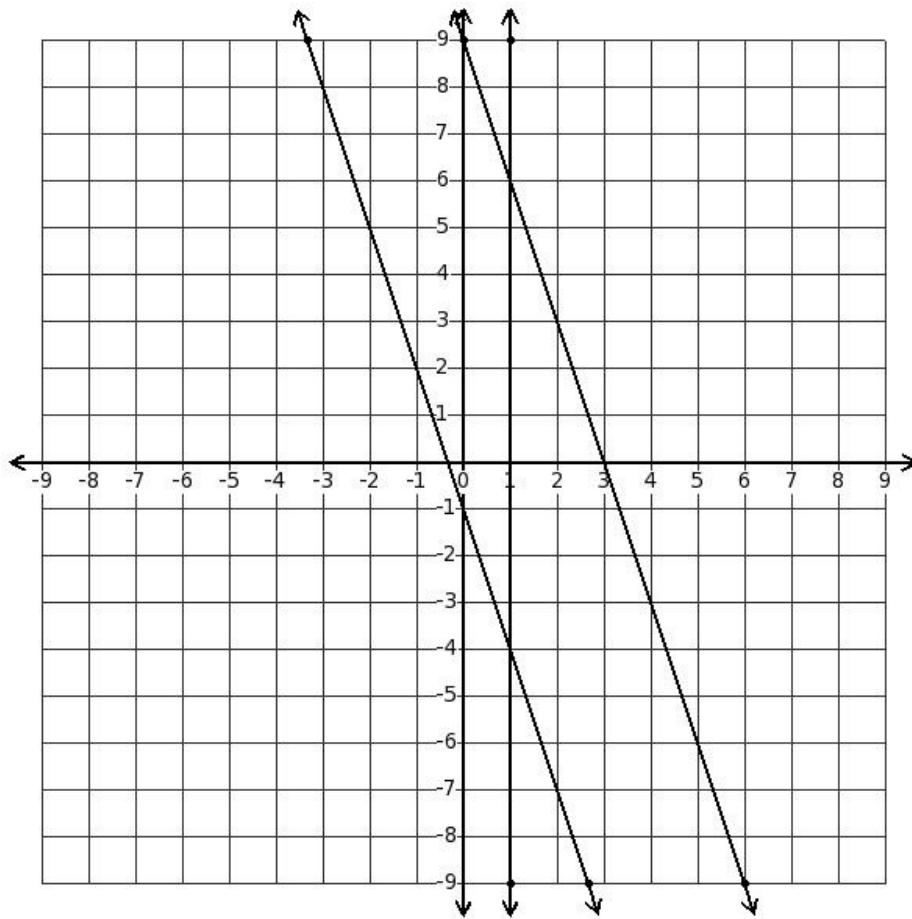
- (i) Infinite solutions (ii) No solution (iii) (0,4) (iv) (2,6) (v) ((-6),(-5))

12. Solve $(y+5)=0$
 $(y+2)=0$



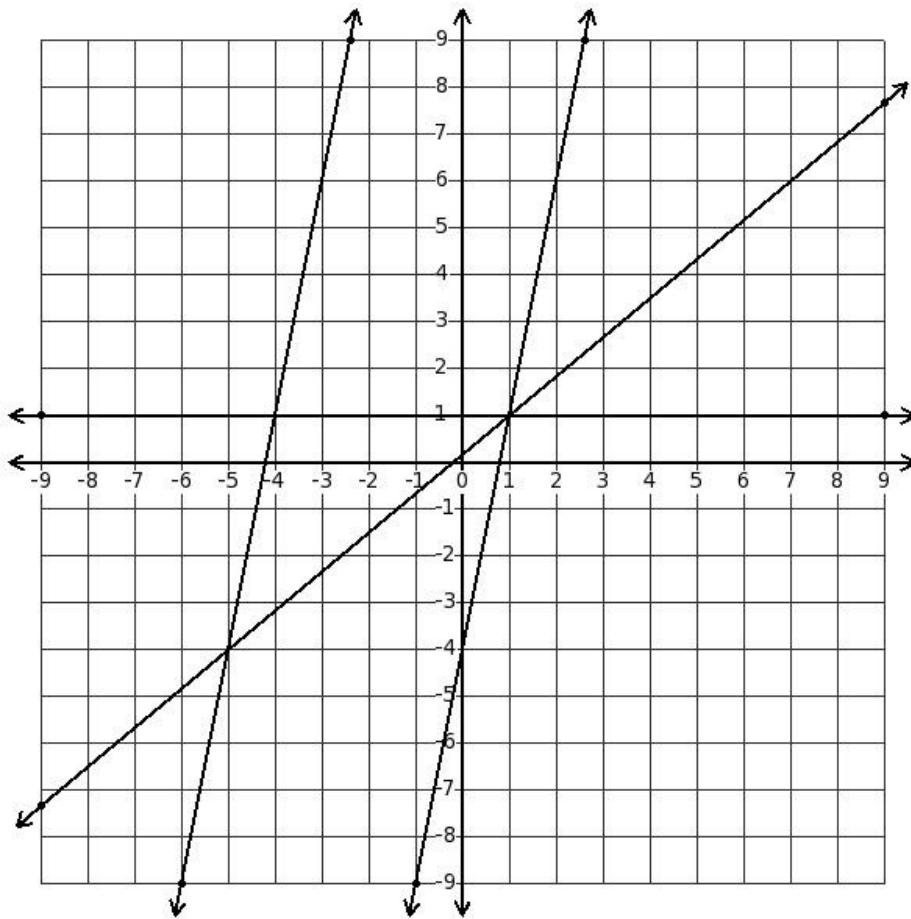
- (i) $((-5), 3)$ (ii) No solution (iii) $(2, (-5))$ (iv) Infinite solutions (v) $(0, (-7))$

13. Solve $(9x+3y+3) = 0$
 $(9x+3y-27) = 0$



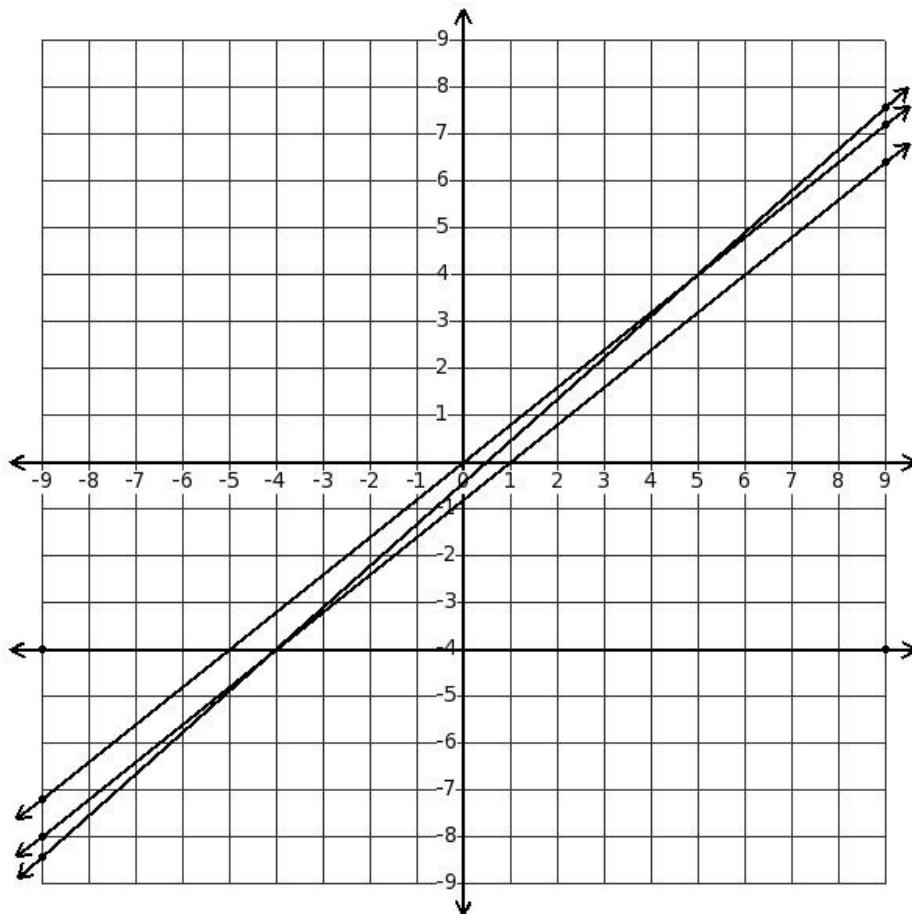
- (i) Infinite solutions (ii) $(1, -4)$ (iii) No solution (iv) $(1, 6)$ (v) $((-1), (-6))$

14. Solve $(5x-y+21) = 0$
 $(10x-2y+42)=0$



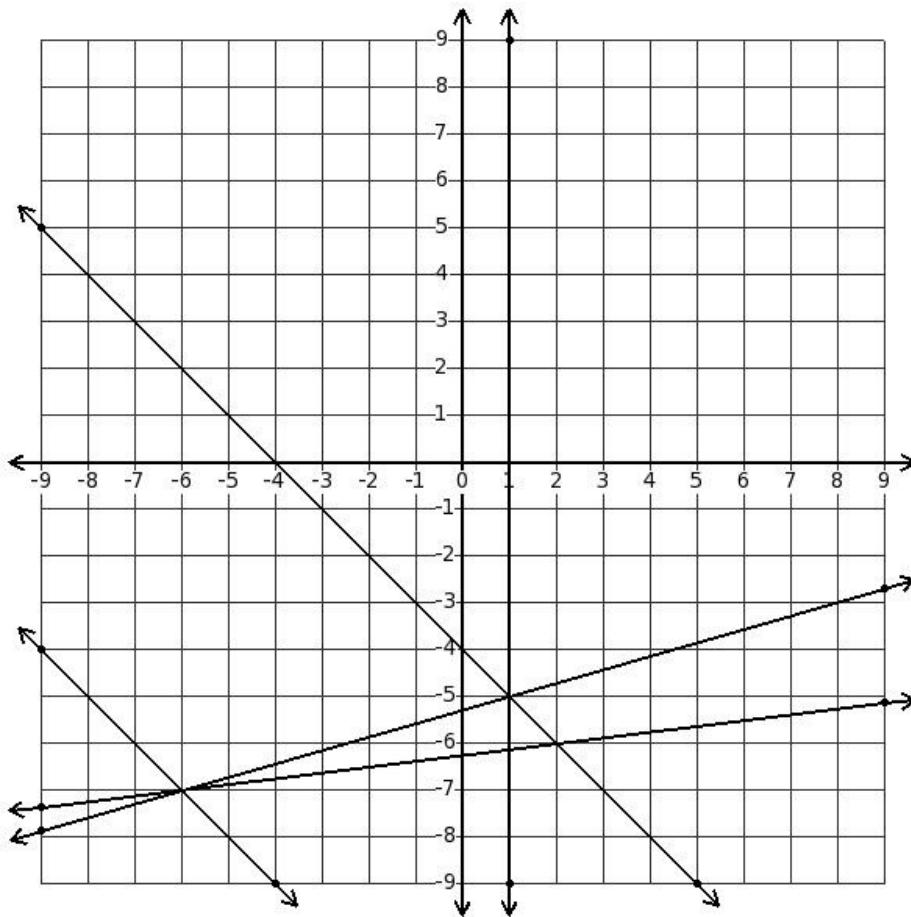
- (i) $((-5),(-4))$ (ii) $(1,1)$ (iii) Infinite solutions (iv) $((-4),1)$ (v) No solution

15. Solve $\begin{cases} 8x - 10y = 0 \\ y + 4 = 0 \end{cases}$



- (i) $((-5), 0)$ (ii) $((-5), (-4))$ (iii) $(0, (-4))$ (iv) $(5, 4)$ (v) $((-4), (-4))$

16. Solve $\begin{aligned} -x - y - 4 &= 0 \\ (x - 1) &= 0 \end{aligned}$



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

Assignment Key

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