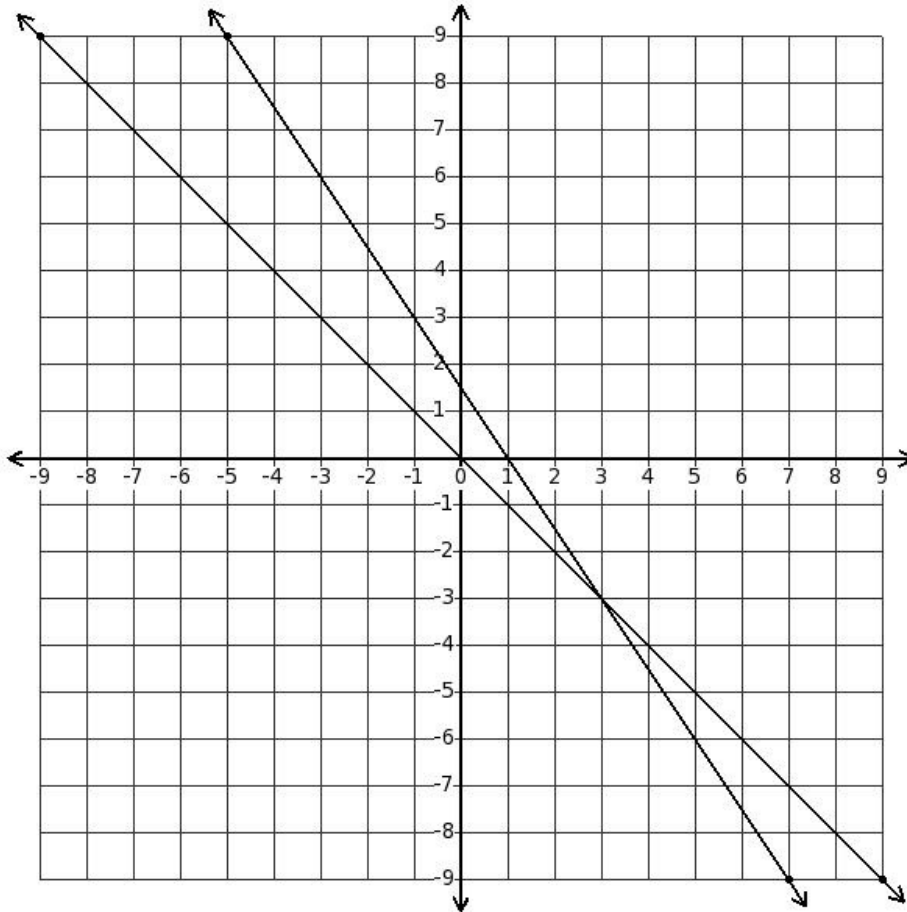


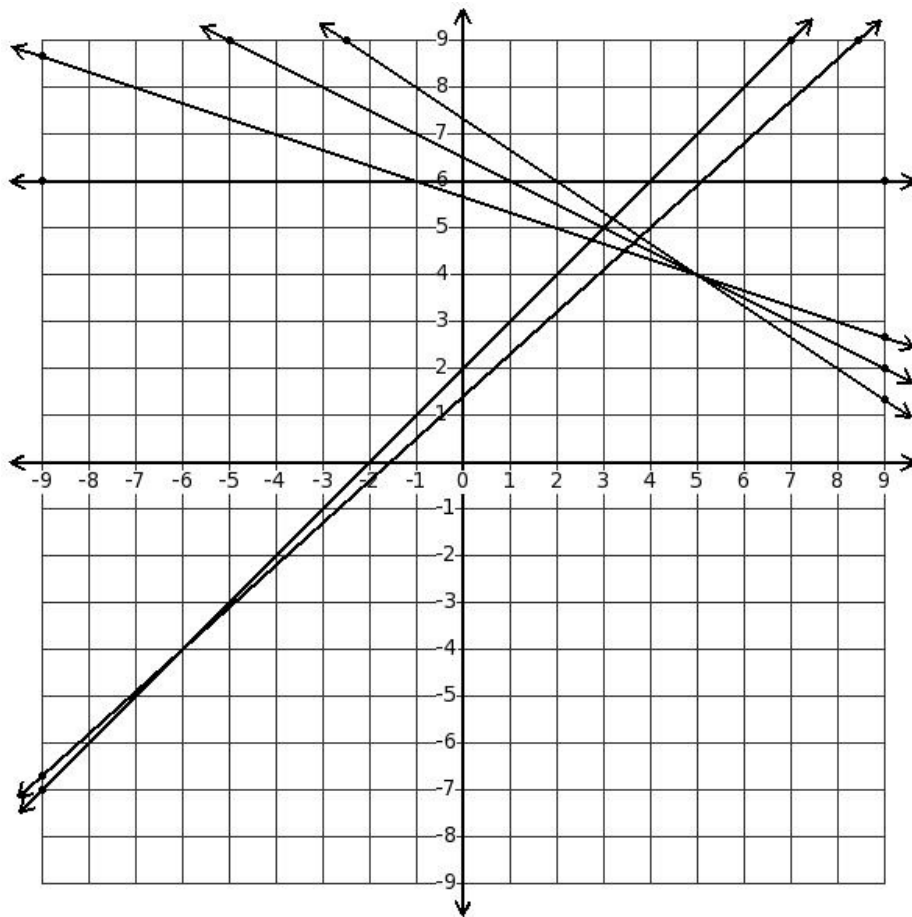


1. Solve $(3x + 2y - 3) = 0$
 $(-4x - 4y) = 0$



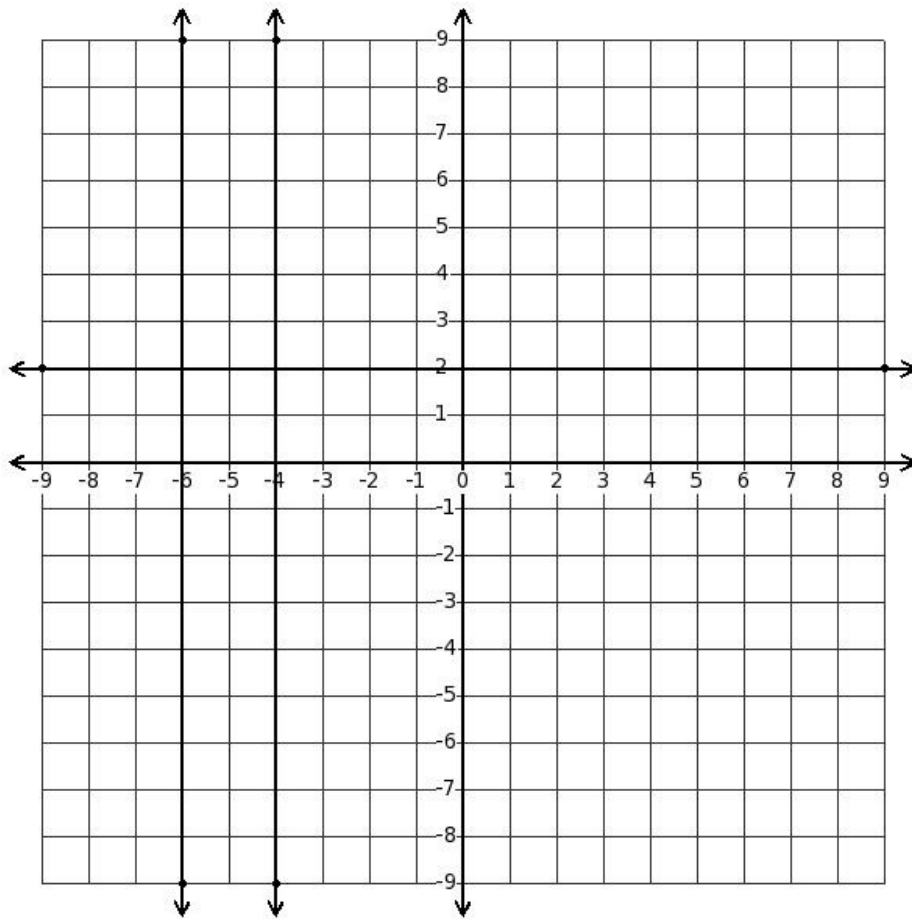
- (i) $(4, (-4))$ (ii) $(2, (-2))$ (iii) $(1, (-5))$ (iv) $(5, (-1))$ (v) $(3, (-3))$

2. Solve $(-9x+9y-18)=0$
 $(9x-10y+14)=0$



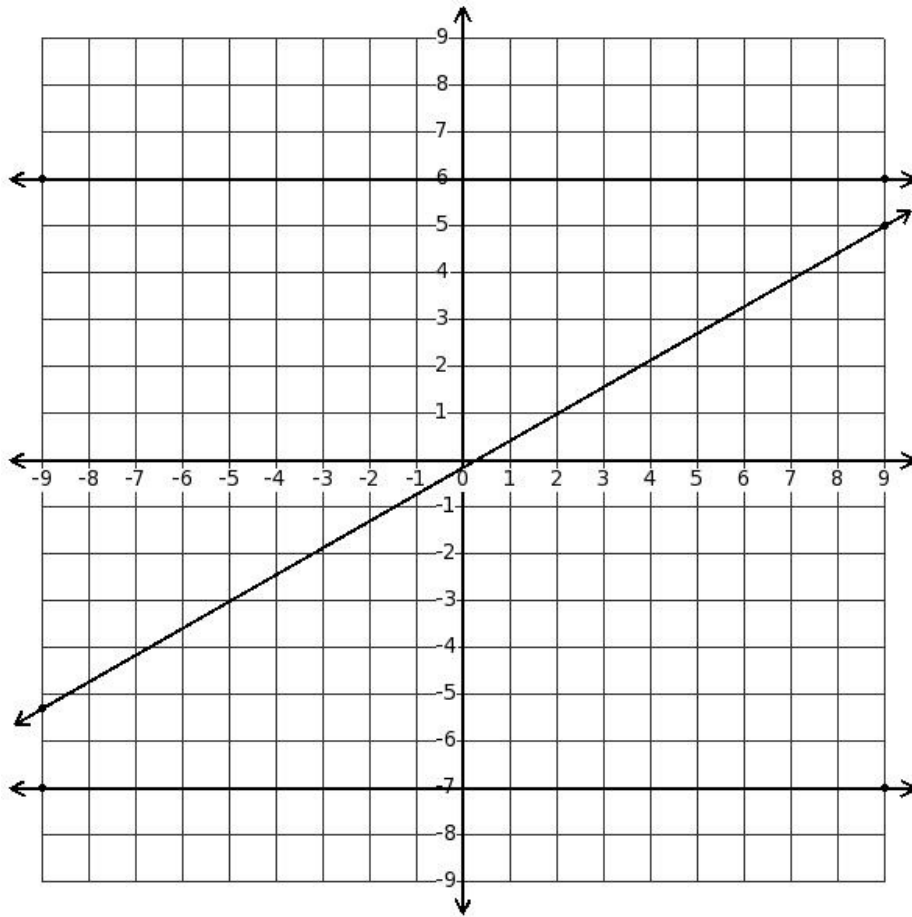
- (i) (5,4) (ii) (1,6) (iii) ((-4),(-2)) (iv) ((-8),(-6)) (v) ((-6),(-4))

3. Solve $(x+6)=0$
 $(x+4)=0$



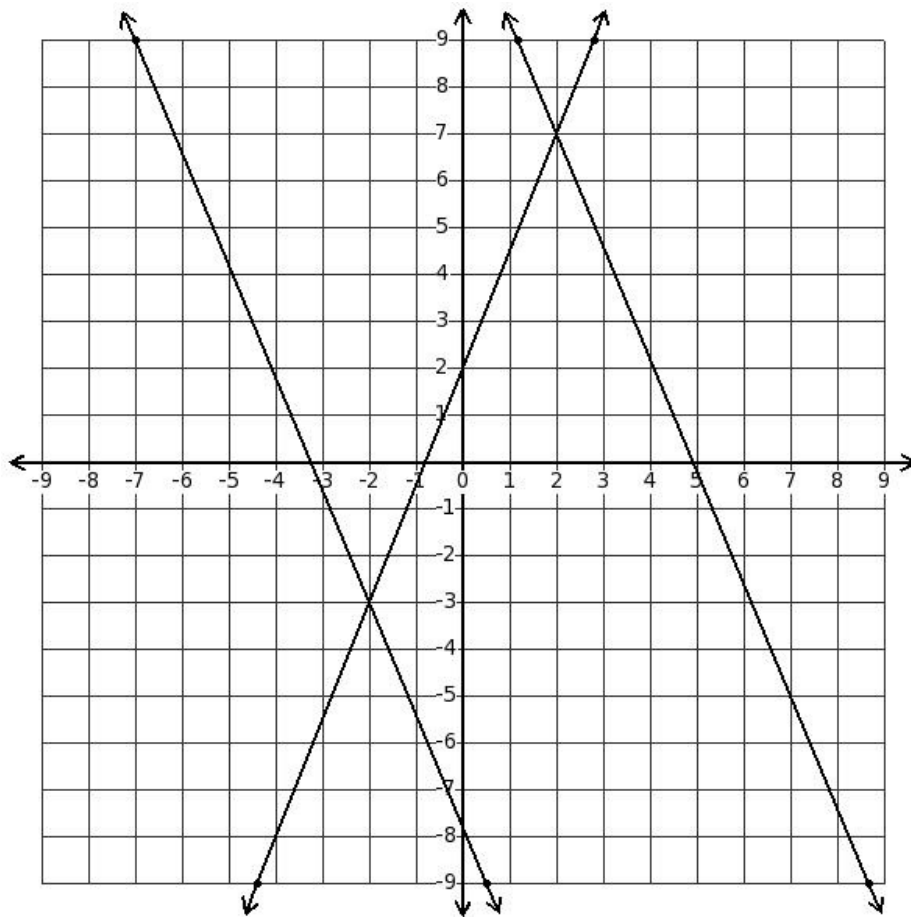
- (i) $((-4),0)$ (ii) Infinite solutions (iii) $((-2),2)$ (iv) $((-6),2)$ (v) No solution

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



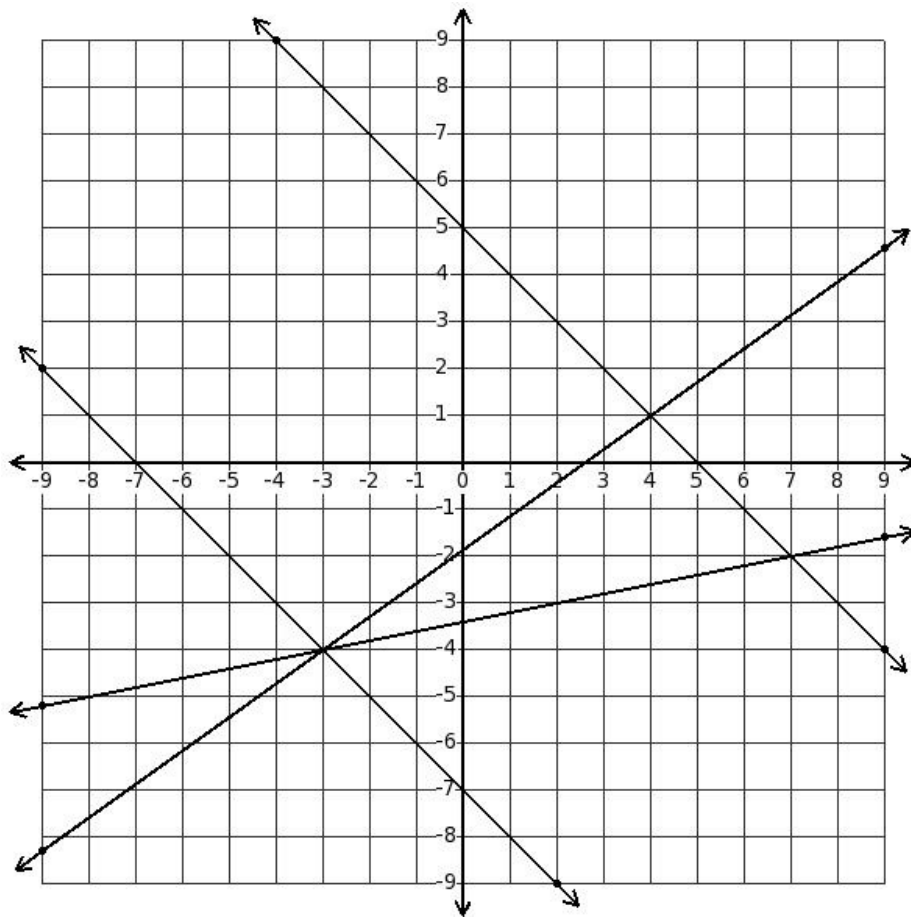
- (i) No solution (ii) $((-5),(-3))$ (iii) $((-7),(-5))$ (iv) Infinite solutions (v) $(2,1)$

5. Solve $(-12x - 5y + 59) = 0$
 $(12x + 5y + 39) = 0$



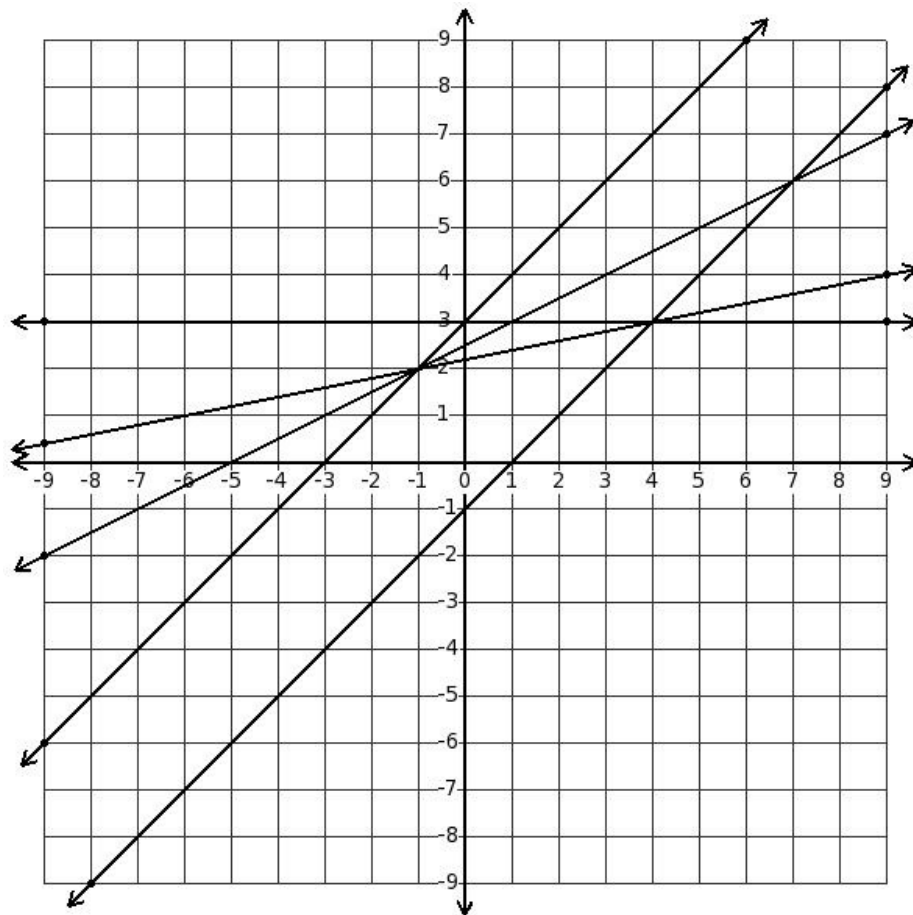
- (i) $((-2), (-3))$ (ii) Infinite solutions (iii) No solution (iv) $(2, 7)$ (v) $(0, 5)$

6. Solve $(3x+3y-15) = 0$
 $(12x+12y-60)=0$



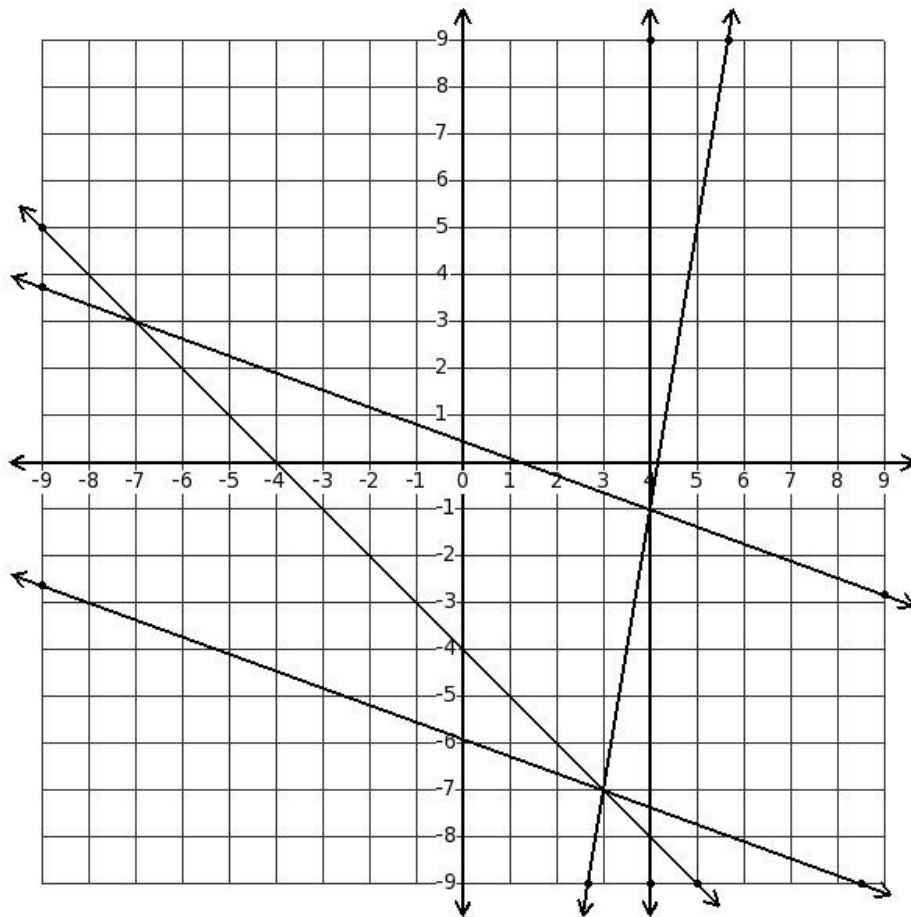
- (i) $(7, (-2))$ (ii) No solution (iii) $(4, 1)$ (iv) Infinite solutions (v) $((-3), (-4))$

7. Solve $(3x-3y-3)=0$
 $(y-3) = 0$



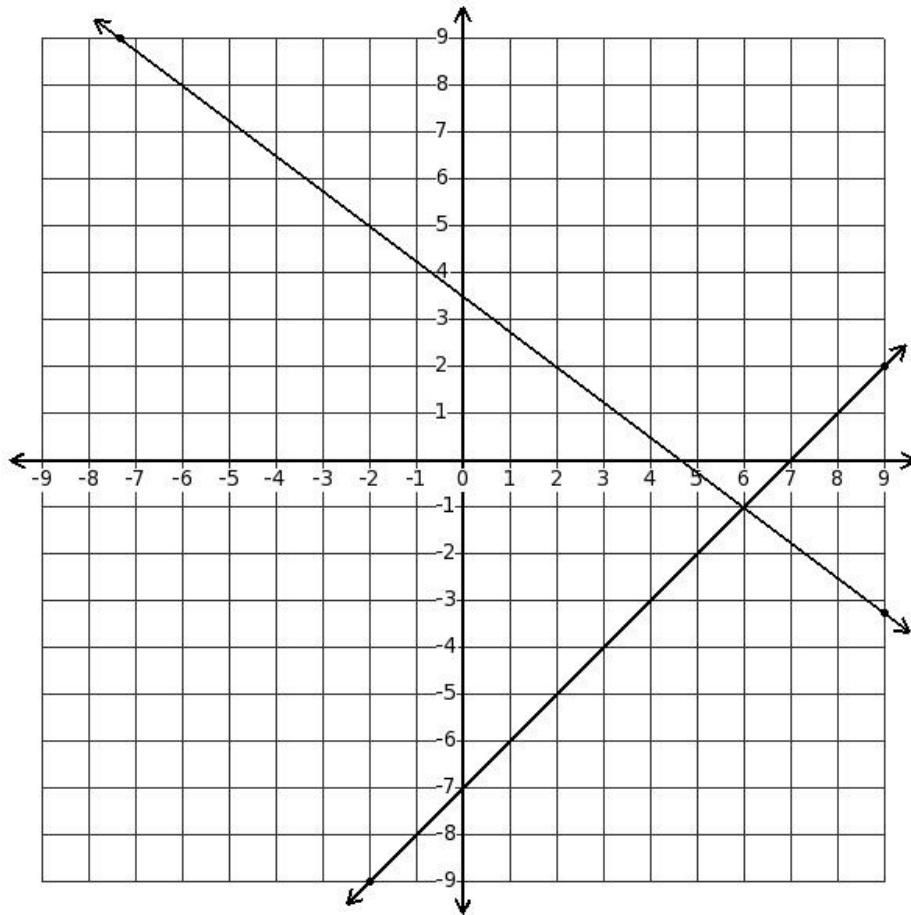
- (i) (7,6) (ii) (0,3) (iii) (4,3) (iv) ((-1),2) (v) (4,0)

8. Solve
$$\begin{aligned} (4x+11y-5) &= 0 \\ (x-4) &= 0 \end{aligned}$$



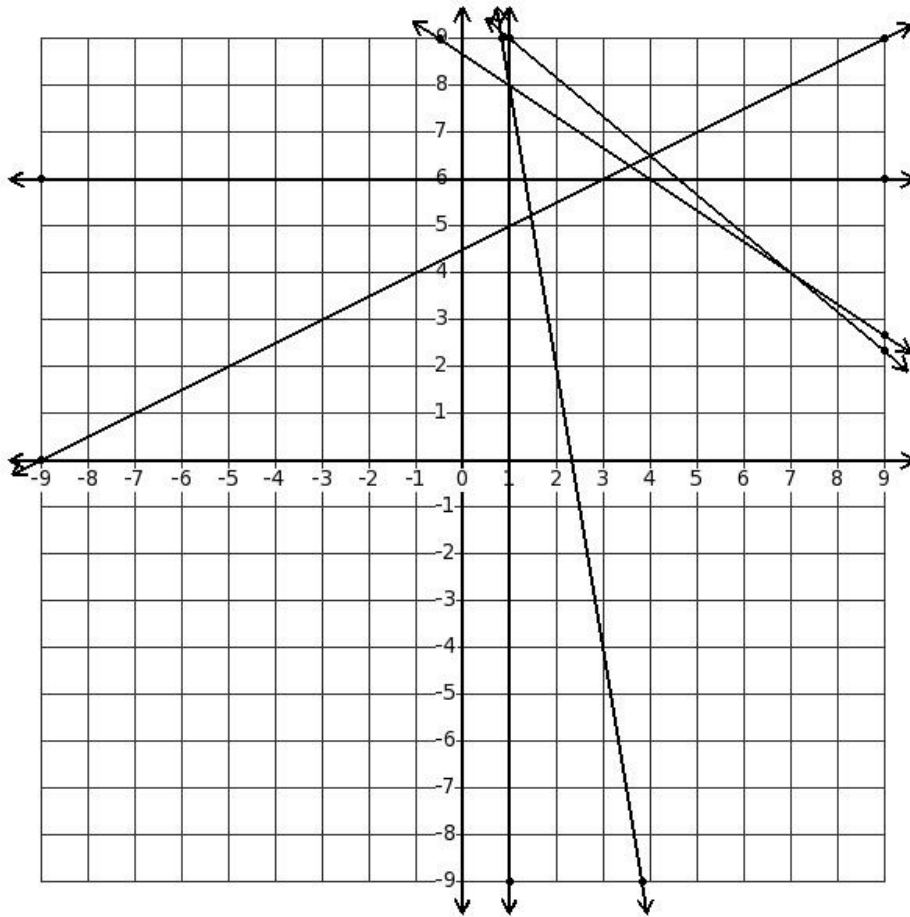
- (i) $(4,0)$ (ii) $((-7),3)$ (iii) $(3,(-7))$ (iv) $(4,(-1))$ (v) $(0,(-1))$

9. Solve $(x-y-7) = 0$
 $(6x+8y-28)=0$



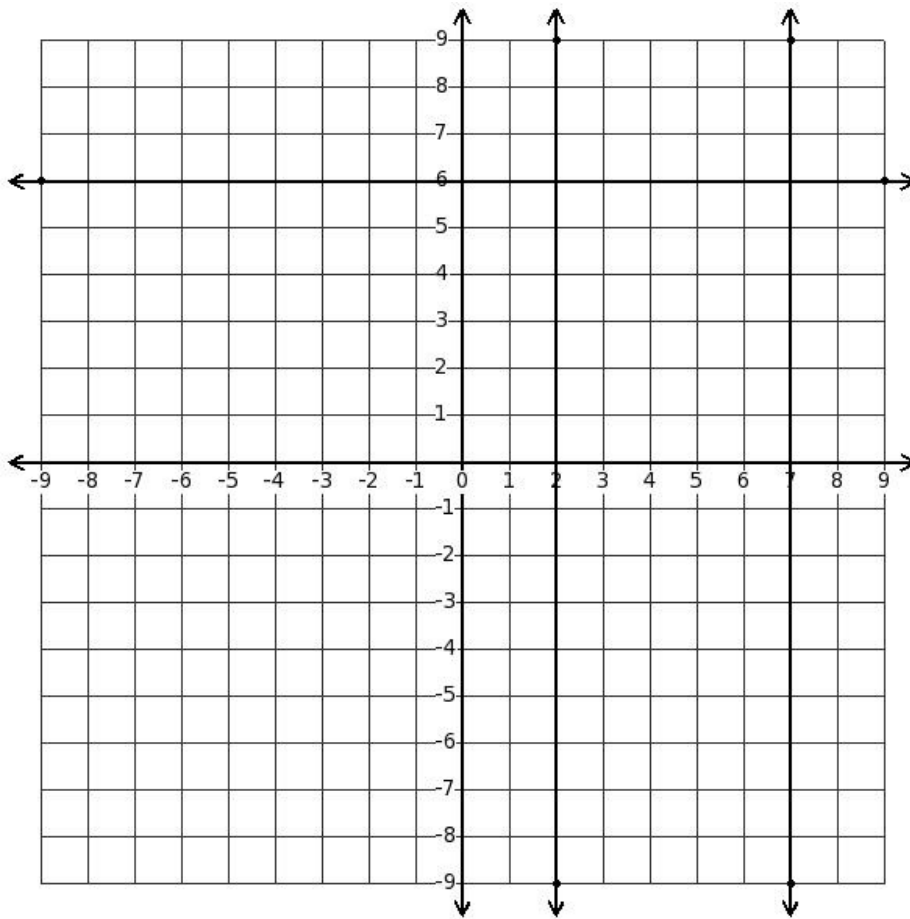
- (i) (5,0) (ii) (8,1) (iii) (7,(-2)) (iv) (6,(-1)) (v) (4,(-3))

10. Solve $(2y-12) = 0$
 $(-x+2y-9)=0$



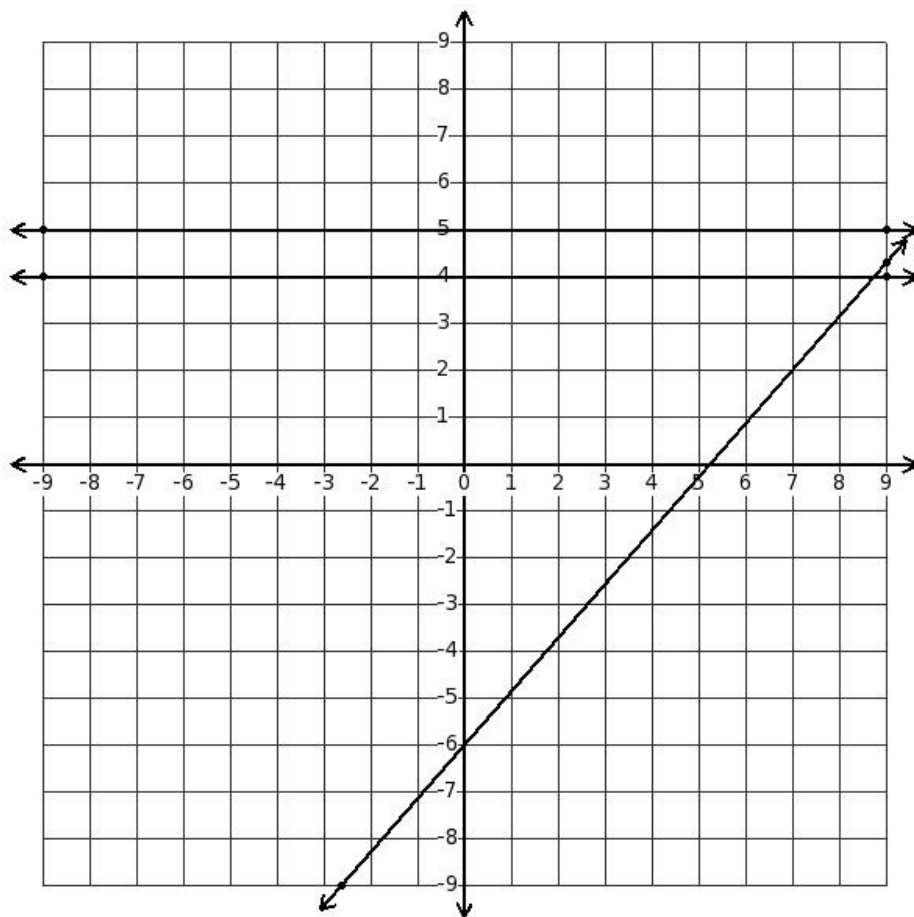
- (i) (7,4) (ii) (1,8) (iii) (3,6) (iv) (1,4) (v) (5,8)

11. Solve $(x-2)=0$
 $(x-7)=0$



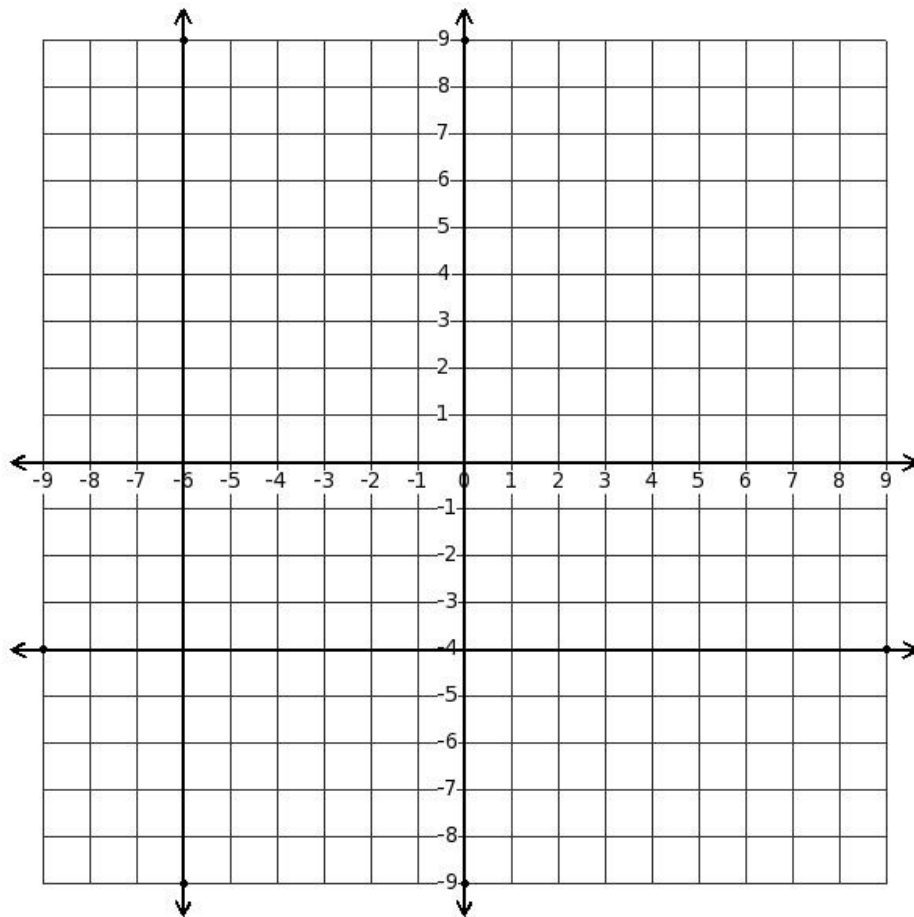
- (i) Infinite solutions (ii) $(7, 6)$ (iii) $((-3), 6)$ (iv) No solution (v) $((-5), 4)$

12. Solve $(y-4)=0$
 $(y-5)=0$



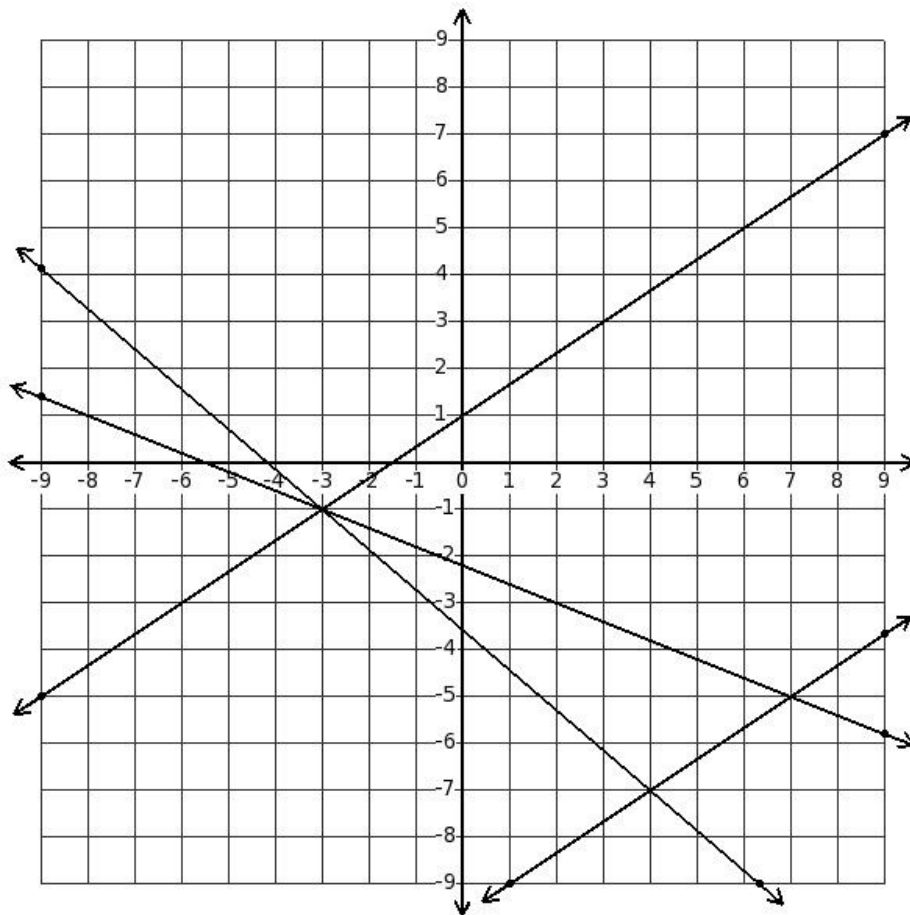
(i) $(7, 2)$ (ii) $(0, -6)$ (iii) $(-2, -8)$ (iv) Infinite solutions (v) No solution

13. Solve $4x = 0$
 $(x+6)=0$



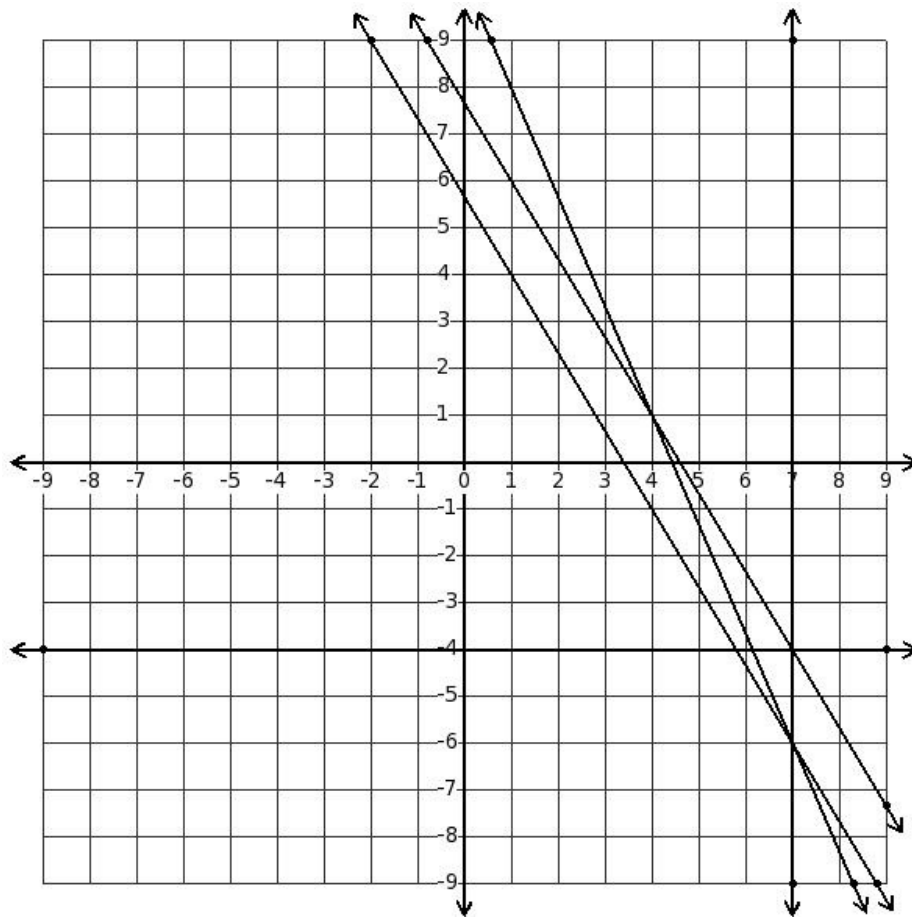
(i) No solution (ii) $(0, (-4))$ (iii) Infinite solutions (iv) $((-2), (-6))$ (v) $((-6), (-4))$

14. Solve
$$\begin{aligned} (-2x+3y+29) &= 0 \\ (-8x+12y+116) &= 0 \end{aligned}$$



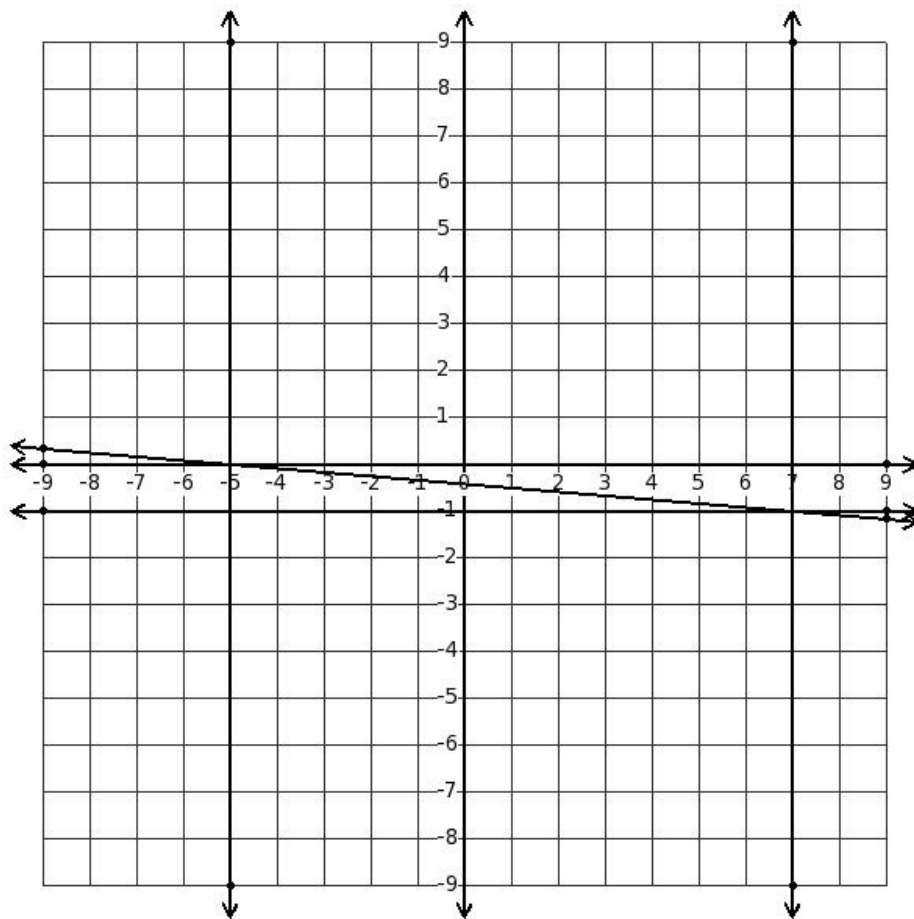
- (i) $(4, (-7))$ (ii) Infinite solutions (iii) $(7, (-5))$ (iv) No solution (v) $((-3), (-1))$

15. Solve $(5x+3y-23)=0$
 $(y+4) = 0$



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

16. Solve $(-12y) = 0$
 $(x+5) = 0$



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

Assignment Key

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

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