Unit II. Solving Linear Equations Part 1 [5.1]

Solve for x: repeat problem, show all steps

1. $x + 6 = 13$

2. $10 = x + 4$

3. $x - 4 = 10$

4. $10 = x - 4$

5. $8 + x = 10$

6. $10 = 7 + x$

1. $x + 3 = 14$

2. $12 = x + 5$

3. $x - 3 = 7$

4. $12 = x - 1$

5. $5 + x = 9$

6. $12 = 4 + x$

1. $x + 1 = 7$

2. $9 = x + 1$

3. $x - 1 = 8$

4. $9 = x - 11$

5. $9 + x = 10$

6. $9 = 7 + x$

Solve for x: repeat problem, show all steps

7. $x + 6 = -13$

8. $-10 = x + 4$

9. $x - 4 = -10$

10. $-10 = x - 4$

11. $8 + x = -10$

12. $-10 = 7 + x$

7. $x + 3 = -14$

8. $-12 = x + 5$

9. $x - 3 = -7$

10. $-12 = x - 1$

11. $5 + x = -9$

12. $-12 = 4 + x$

7. $x + 1 = -7$

8. $-9 = x + 1$

9. $x - 1 = -8$

10. $-9 = x - 11$

11. $9 + x = -10$

12. $-9 = 7 + x$

Solve for x: repeat problem, show all steps

13. $-8 + x = -10$

13. $-5 + x = -9$

13. $-9 + x = -10$

14. $-10 = -7 + x$

14. $-12 = -4 + x$

14. $-9 = -7 + x$

15. $-8 + x = -2$

15. $-5 + x = -3$

15. $-9 + x = -4$

16. $-5 = -7 + x$

16. $-3 = -4 + x$

16. $-4 = -7 + x$

17. $-8 + x = 10$

17. $-5 + x = 9$

17. $-9 + x = 10$

18. $10 = -7 + x$

18. $12 = -4 + x$

18. $9 = -7 + x$

Unit II. Solving Linear Equations Part 2 [6.1]

Solve for x: repeat problem, show all steps

1. $3x = 15$

2. $36 = 9x$

3. $4x = -44$

4. $72 = \frac{8}{3}x$

5. $-\frac{4}{5}x = -12$

6. $-72 = -\frac{9}{2}x$

1. $7x = 14$

2. $35 = 7x$

3. $6x = -42$

4. $24 = \frac{3}{2}x$

5. $-\frac{5}{3}x = -10$

6. $-18 = -\frac{3}{8}x$

1. $5x = 20$

2. $40 = 8x$

3. $2x = -20$

4. $36 = \frac{4}{3}x$

5. $-\frac{3}{7}x = -12$

6. $-55 = -\frac{5}{3}x$

Solve for x: repeat problem, show all steps

7. $3x + 4 = 19$	7. $7x + 1 = 15$	7. $5x + 7 = 27$
8. $39 = 9x + 3$	8. $40 = 7x + 5$	8. $48 = 8x + 8$
9. $3x - 4 = 11$	9. $7x - 1 = 13$	9. $5x - 7 = 13$
10. $28 = 9x - 8$	10. $31 = 7x - 4$	10. $30 = 8x - 10$

Solve for x: repeat problem, show all steps

11. $3 = 1 + \frac{1}{2}x$

11. $4 = 1 + \frac{1}{3}x$

11. $5 = 1 + \frac{1}{4}x$

12. $5 = \frac{3}{2}x - 7$

12. $7 = \frac{2}{3}x - 5$

12. $13 = \frac{4}{5}x - 3$

13. $\frac{1}{2}x + 4 = 7$

13. $\frac{1}{3}x + 2 = 9$

13. $\frac{1}{4}x + 1 = 4$

Unit II. Solving Linear Equations Part 3 [7.1]

Solve for x: repeat problem, show all steps

1. $5x - 5 = 3x + 7$

1. $7x - 4 = 5x + 8$

1. $4x - 8 = 2x + 4$

2. $-x - 14 = -2x - 16$

2. $-2x - 10 = -3x - 12$

2. $-3x - 16 = -4x - 18$

3. $-14 - 3x = -16 - 2x$

3. $-15 - 4x = -17 - 3x$

3. $-8 - 5x = -10 - 4x$

Solve for x: repeat problem, show all steps

4. $-16-5x=-14-4x$ 4. $-10-6x=-8-5x$ 4. $-20-4x=-18-3x$

5. $2x-5=-6x+7$ 5. $3x-4=-5x+8$ 5. $4x-7=-4x+5$

6. $-5x+13=-17-10x$ 6. $-2x+14=-16-7x$ 6. $-9x+10=-20-14x$

Unit II. Solving Linear Equations Part 4 [8.1]

Solve for x: repeat problem, show all steps

1. $4x - 10 - 10x = 2 + 6x - 12$

1. $2x - 5 - 5x = 1 + 3x - 6$

1. $9x - 4 - 5x = 2 + 8x - 6$

2. $8 - 4x - 12 = -6x + 14 - 4x$

2. $4 - 2x - 6 = -3x + 7 - 2x$

2. $9 - 4x - 1 = -4x + 17 - 3x$

Solving Linear Equations Part 4 [8.2]

Solve for x: repeat problem, show all steps

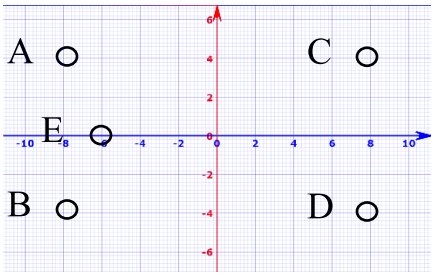
3. $-2-28+4x=14+4x-8x$ 3. $-1-14+2x=7+2x-4x$ 3. $-3-16+7x=3+5x-2x$

4. $18-4x-22=6x+14-4x$ 4. $9-2x-11=3x+7-2x$ 4. $8-7x-22=2x-3-4x$

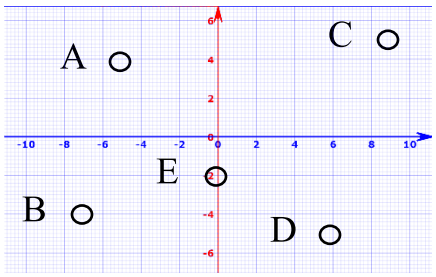
Unit II. Plotting on a Coordinate Plane [9.1]

Give the coordinates for the labeled points on the graph

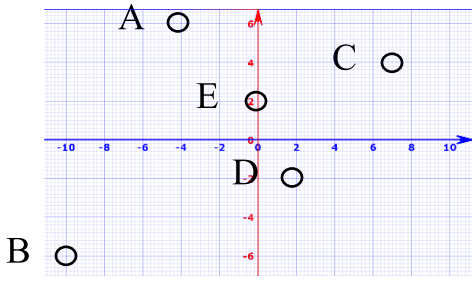
1. A(,)
   B(,)
   C(,)
   D(,)
   E(,)



1. A(,)
   B(,)
   C(,)
   D(,)
   E(,)



1. A(,)
   B(,)
   C(,)
   D(,)
   E(,)



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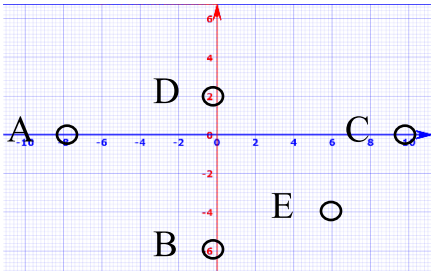
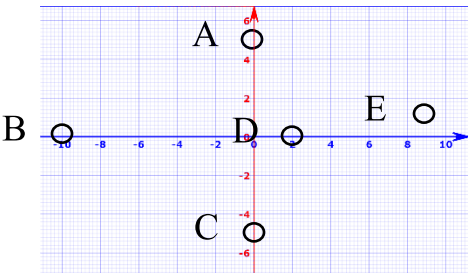
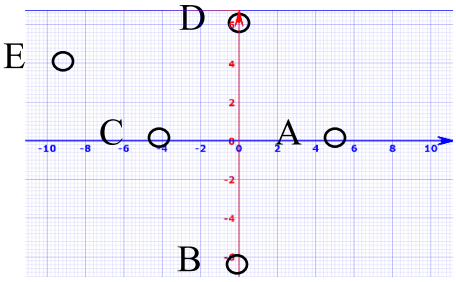
2. A(,)
   B(,)
   C(,)
   D(,)
   E(,)



2. A(,)
   B(,)
   C(,)
   D(,)
   E(,)

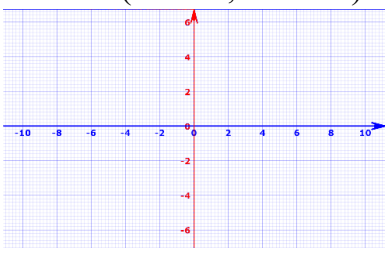


2. A(,)
   B(,)
   C(,)
   D(,)
   E(,)

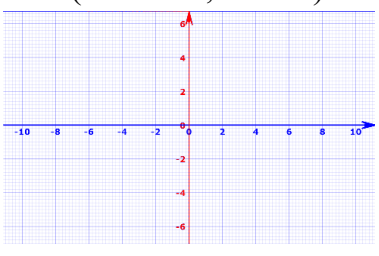


Graph and label the given coordinates

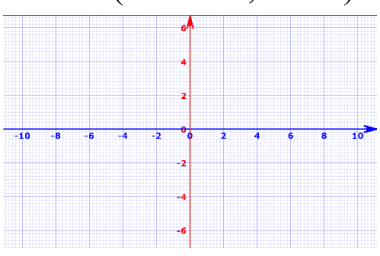
3. A(10 , 2)
   B(-6 , 5)
   C(5 , -6)
   D(-1 , -1)
   E(0 , 4)



3. A(5 , 5)
   B(5 , -5)
   C(-5 , -5)
   D(-5 , 5)
   E(0 , -2)



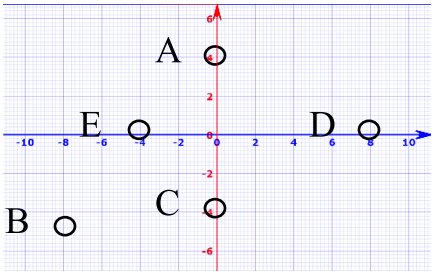
3. A(8 , 0)
   B(0 , 6)
   C(-8 , 0)
   D(0 , -6)
   E(1 , 1)



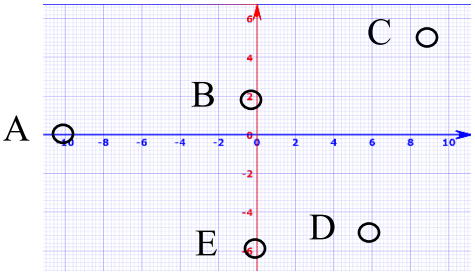
Plotting on a Coordinate Plane [9.2]

Give the coordinates for the labeled points on the graph

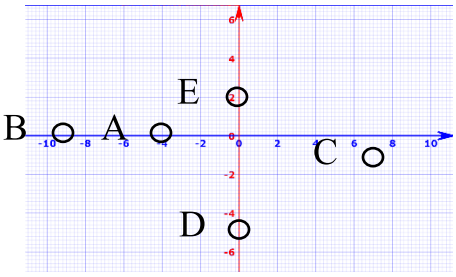
4. A(,)
B(,)
C(,)
D(,)
E(,)



4. A(,)
B(,)
C(,)
D(,)
E(,)

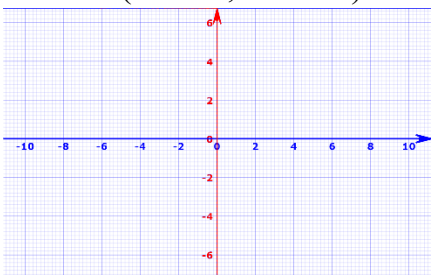


4. A(,)
B(,)
C(,)
D(,)
E(,)

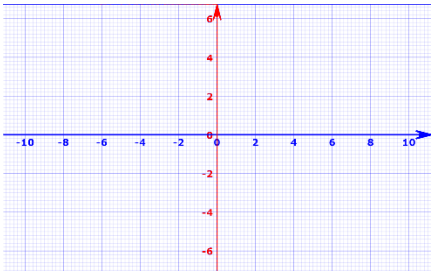


Graph and label the given coordinates

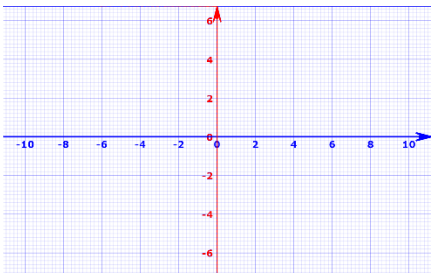
5. A(0 , 8)
B(0 , -8)
C(5 , 0)
D(-5 , 0)
E(0 , 0)



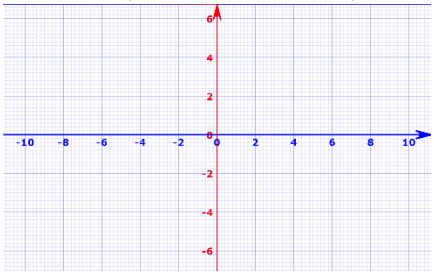
5. A(0 , 5)
B(0 , -5)
C(0 , 0)
D(-5 , 0)
E(5 , 0)



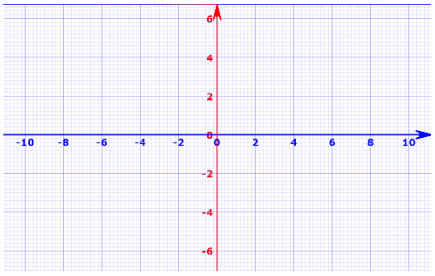
5. A(0 , 0)
B(6 , 0)
C(-6 , 0)
D(0 , 4)
E(0 , -4)



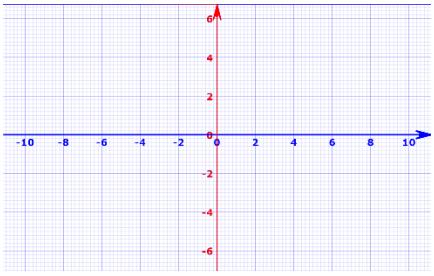
6. A(0 , 2)
B(3 , -3)
C(0 , -6)
D(-1 , 0)
E(0 , 4)



6. A(0 , 5)
B(5 , 0)
C(0 , -5)
D(-5 , 0)
E(-3 , 3)



6. A(8 , 0)
B(0 , 5)
C(-8 , 0)
D(0 , -5)
E(-3 , -3)



Unit II. **Graphing Linear Equations** **[10.1]**

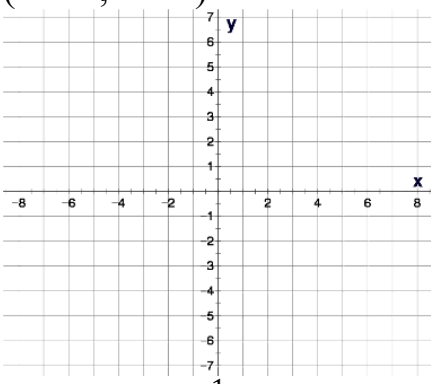
Write slope and y-intercept and graph and label points

1. $y = \frac{2}{3}x - 5$

m =

(,)

(,)

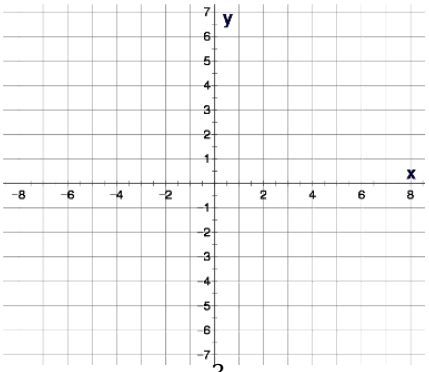


2. $y = -\frac{1}{4}x + 2$

m =

(,)

(,)

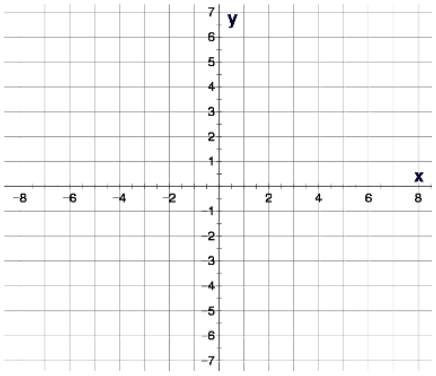


3. $y = -\frac{3}{4}x - 3$

m =

(,)

(,)

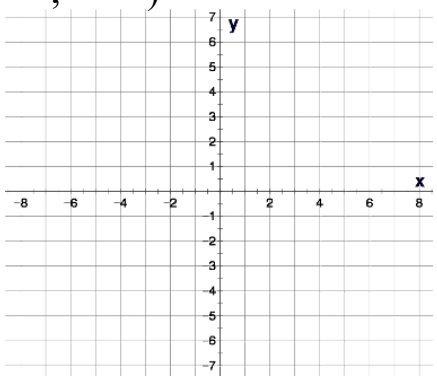


1. $y = \frac{5}{2}x - 4$

m =

(,)

(,)

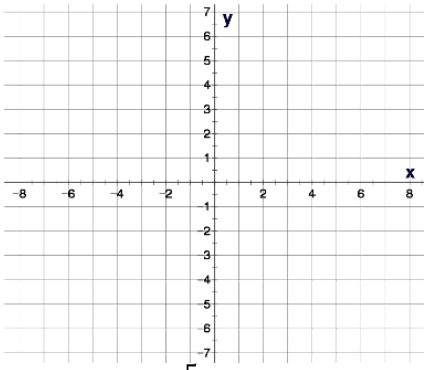


2. $y = -\frac{5}{2}x + 4$

m =

(,)

(,)

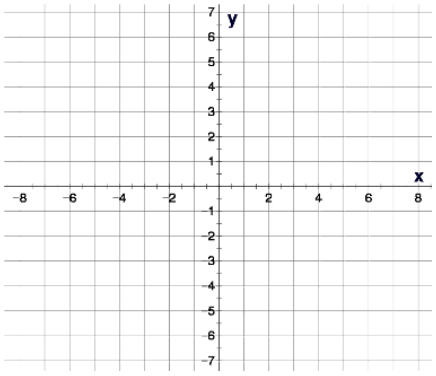


3. $y = -\frac{5}{3}x - 2$

m =

(,)

(,)

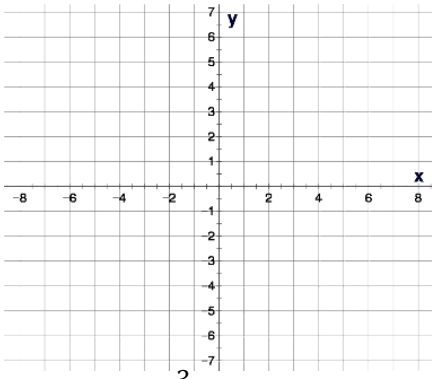


1. $y = \frac{3}{5}x - 1$

m =

(,)

(,)

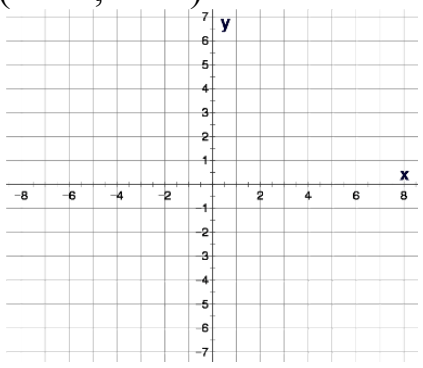


2. $y = -\frac{3}{5}x + 1$

m =

(,)

(,)

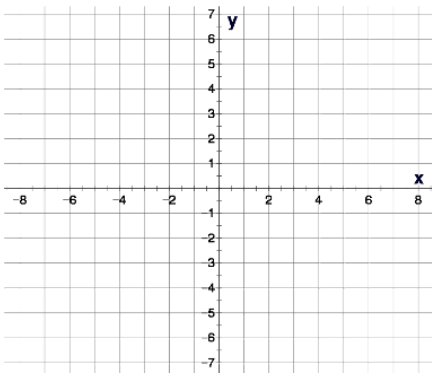


3. $y = -\frac{3}{4}x - 1$

m =

(,)

(,)



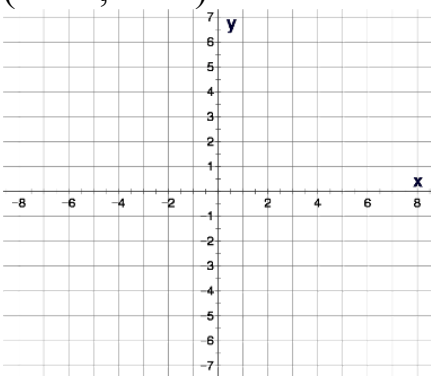
Write slope and y-intercept and graph and label points

4. $y = \frac{5}{3}x$

m =

(,)

(,)

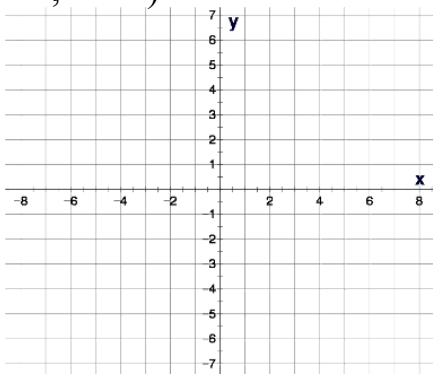


4. $y = \frac{7}{4}x$

m =

(,)

(,)

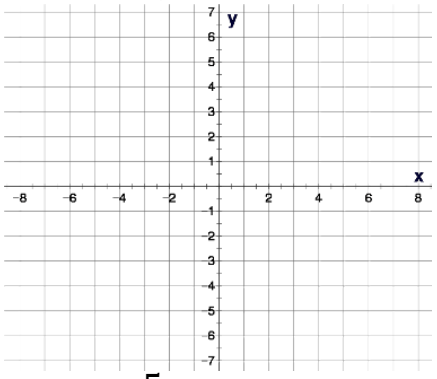


4. $y = \frac{3}{2}x$

m =

(,)

(,)

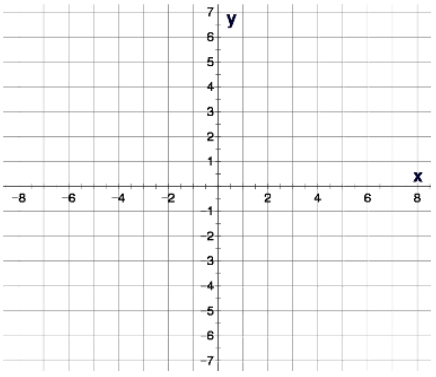


5. $y = 3x$

m =

(,)

(,)

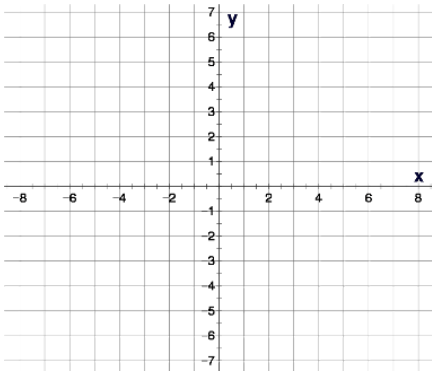


5. $y = 4x$

m =

(,)

(,)

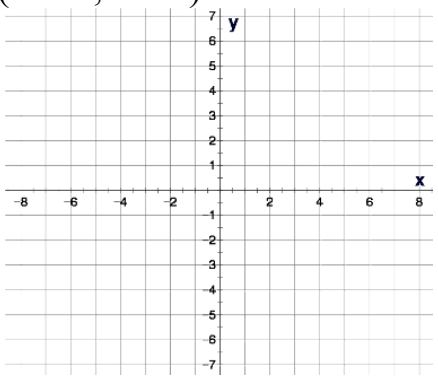


5. $y = 5x$

m =

(,)

(,)

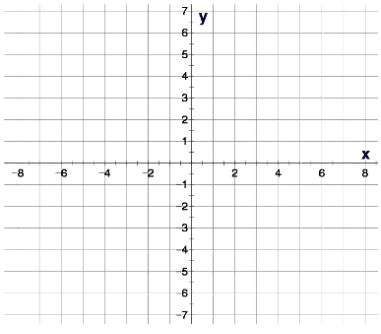


6. $y = -3x$

m =

(,)

(,)

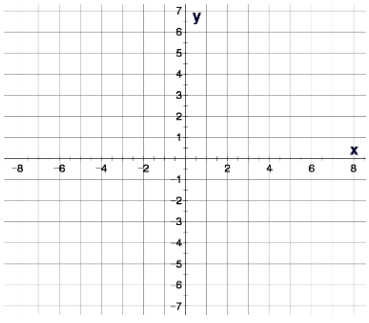


6. $y = -4x$

m =

(,)

(,)

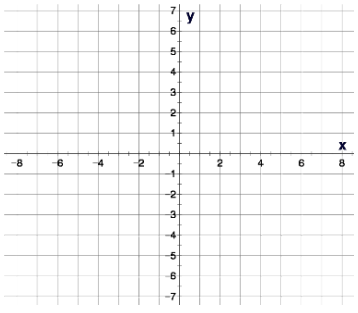


6. $y = -5x$

m =

(,)

(,)



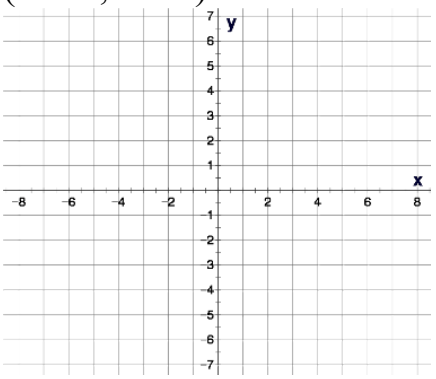
Write slope and y-intercept and graph and label points

7. $y = x - 5$

m =

(,)

(,)

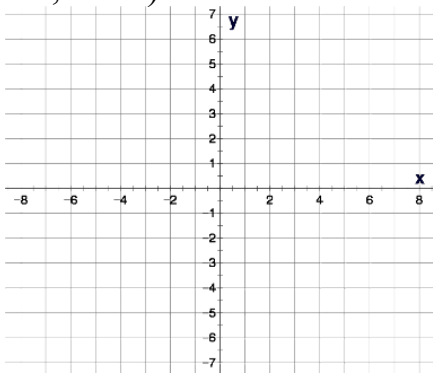


7. $y = x - 4$

m =

(,)

(,)

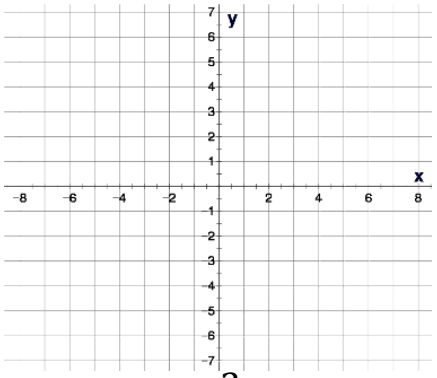


7. $y = x + 2$

m =

(,)

(,)

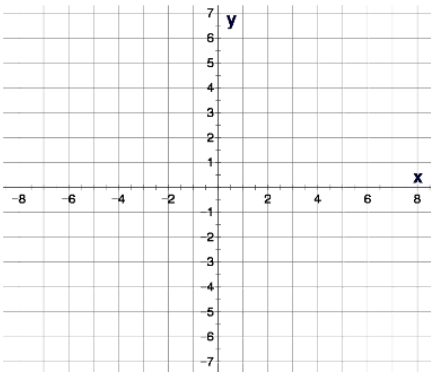


8. $y = x + 5$

m =

(,)

(,)

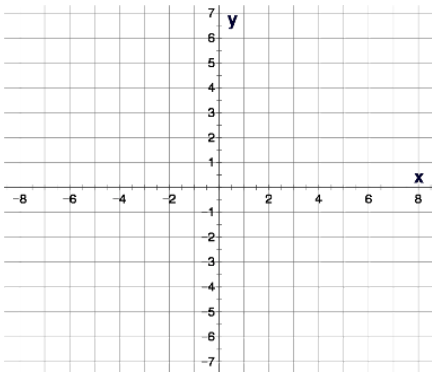


8. $y = x + 4$

m =

(,)

(,)

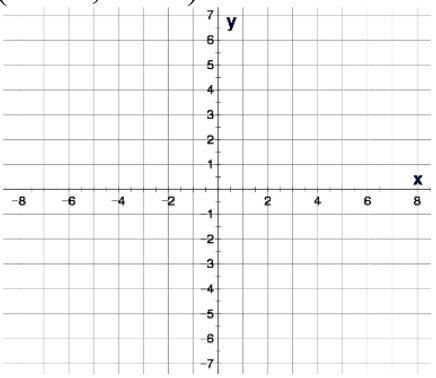


8. $y = x - 2$

m =

(,)

(,)

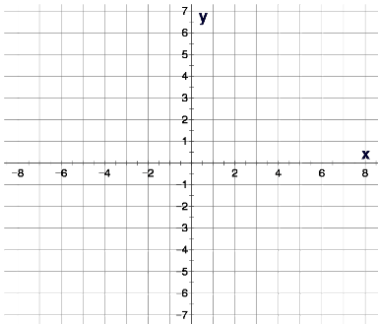


9. $y = 4 - 3x$

m =

(,)

(,)

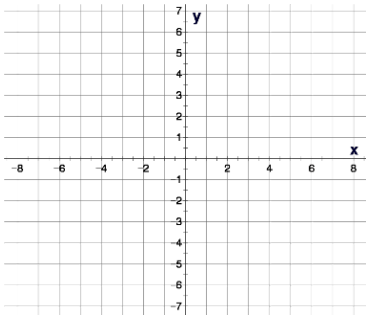


9. $y = 3 - 4x$

m =

(,)

(,)



9. $y = 5 - 2x$

m =

(,)

(,)