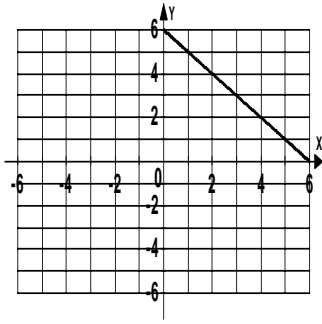


Additional Exercises 4.2
Form I
 Graphing Linear Equations Using Intercepts

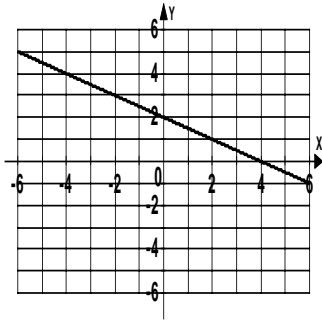
Use the graph to identify the x - and y -intercepts or state that there is no x - or y -intercept.

1.



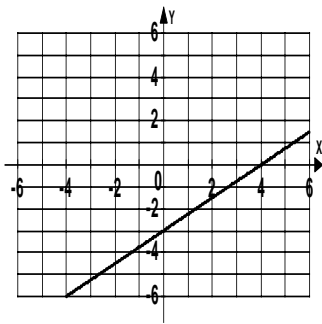
1. _____

2.



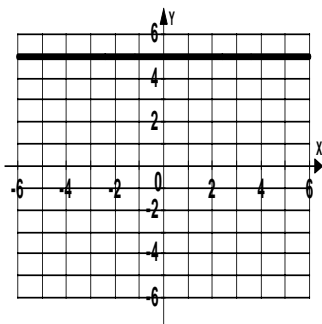
2. _____

3.



3. _____

4.



4. _____

Name _____ Date _____

Find the x -intercept and the y -intercept of each equation.

5. $x + y = 3$

5. _____

6. $2x + y = -6$

6. _____

7. $-2x + 5y = -10$

7. _____

8. $-3x + 3y = -6$

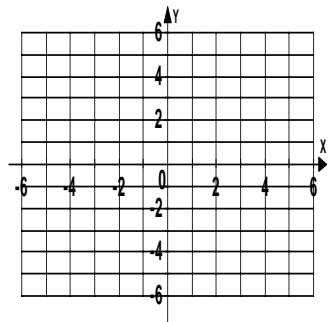
8. _____

For each problem, (a) find the x - and y -intercepts and (b) then graph the equation.

9. $x - 4y = -4$

9a. _____

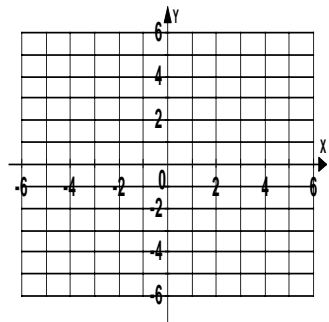
b.



10. $x = -1$

10a. _____

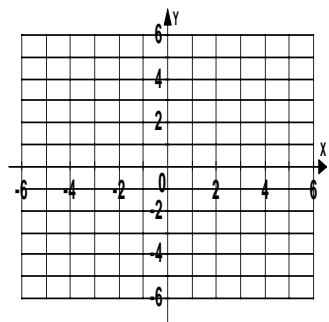
b.



11. $3x + 9y = 9$

11a. _____

b.



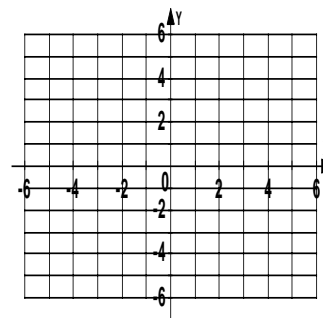
Name _____

Date _____

12. $6x - 24y = 0$

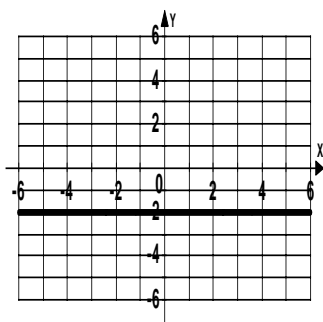
12a. _____

b.



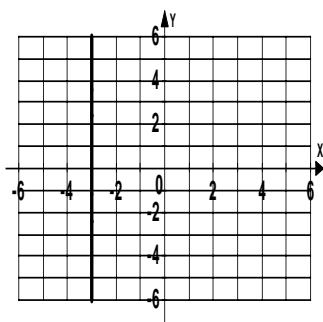
Write the equation for the graphs.

13.



13. _____

14.



14. _____

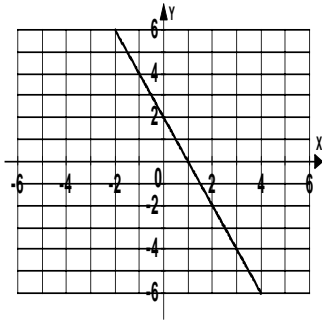
Name _____

Date _____

Additional Exercises 4.2
Form II
Graphing Linear Equations Using Intercepts

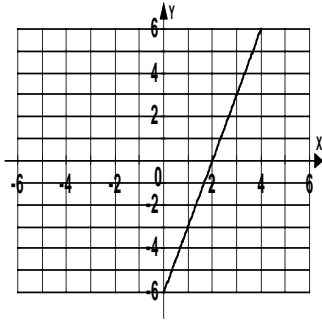
Use the graph to identify the x - and y -intercepts or state that there is no x - or y -intercept.

1.



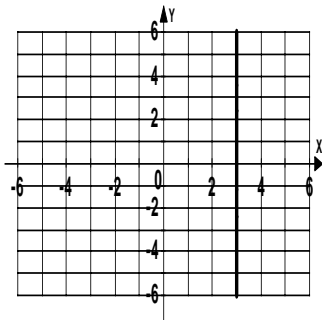
1. _____

2.



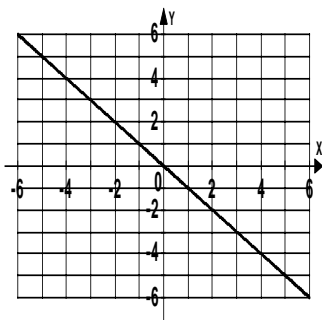
2. _____

3.



3. _____

4.



4. _____

Name _____ Date _____

Find the x -intercept and the y -intercept of each equation.

5. $x + y = 6$ 5. _____

6. $2x - y = 8$ 6. _____

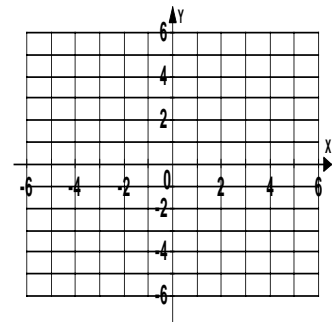
7. $-3x - 5y = 30$ 7. _____

8. $4x - 3y = 18$ 8. _____

For each problem, (a) find the x - and y -intercepts and (b) then graph the equation.

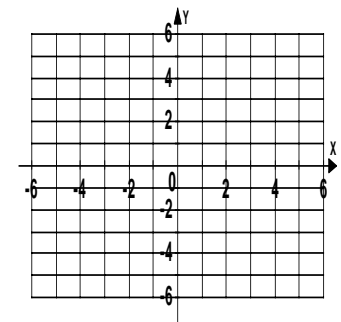
9. $2x - 3y = 6$ 9a. _____

b.



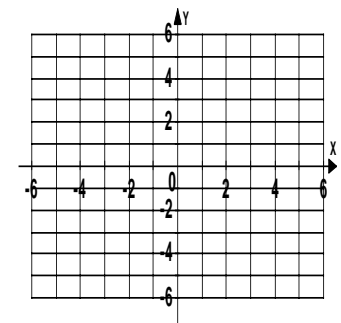
10. $y = -2$ 10a. _____

b.



11. $2x - 5y = 5$ 11a. _____

b.



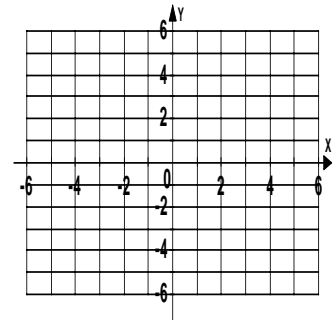
Name _____

Date _____

12. $2x + 6y = 0$

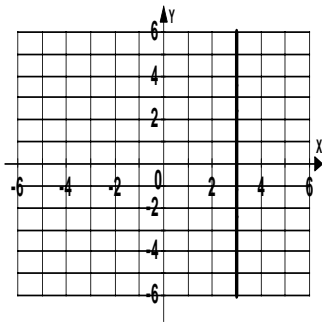
12a. _____

b.



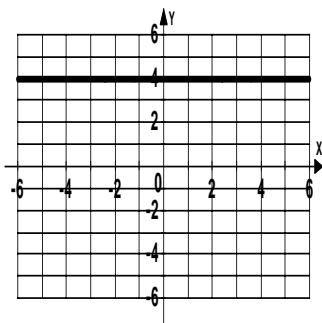
Write the equation for the graphs.

13.



13. _____

14.



14. _____

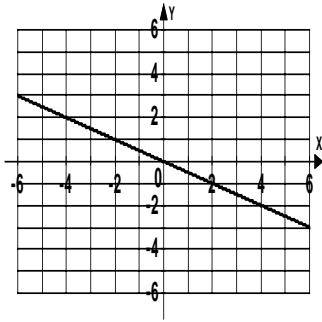
Name _____

Date _____

Additional Exercises 4.2
Form III
Graphing Linear Equations Using Intercepts

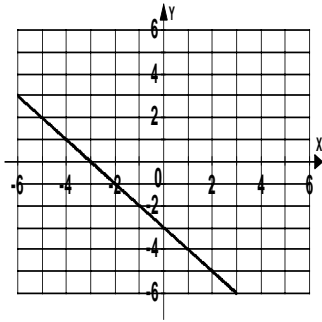
Use the graph to identify the x - and y -intercepts or state that there is no x - or y -intercept.

1.



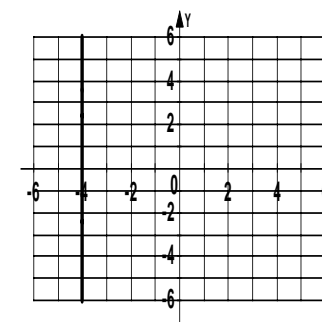
1. _____

2.



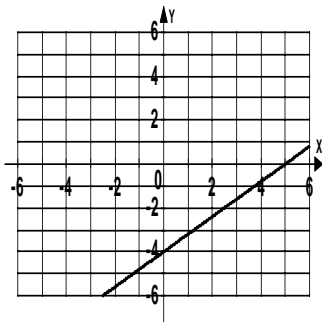
2. _____

3.



3. _____

4.



4. _____

Name _____ Date _____

Find the x -intercept and the y -intercept of each equation.

5. $2x - 3y = 15$

5. _____

6. $3x + 4y = 9$

6. _____

7. $5x + 3y = 12$

7. _____

8. $6x - 5y = 24$

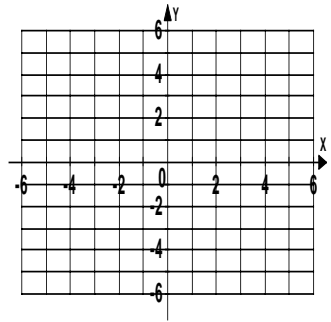
8. _____

For each problem, (a) find the x - and y -intercepts and (b) then graph the equation.

9. $12y - 3x = -9$

9a. _____

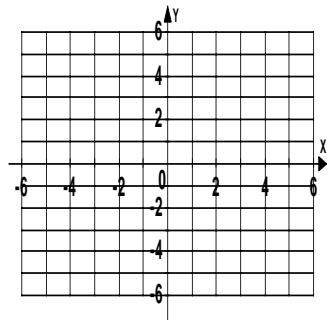
b.



10. $y = 4$

10a. _____

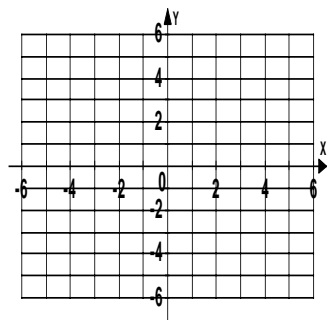
b.



11. $5x - 4y = 8$

11a. _____

b.



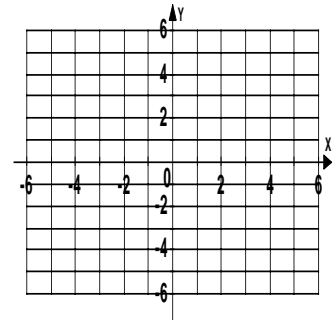
Name _____

Date _____

12. $4x + 3y = 0$

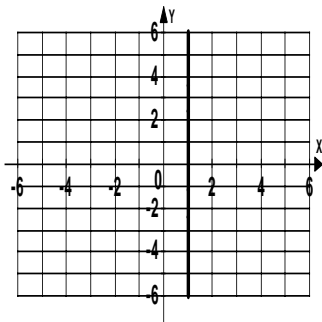
12a. _____

b.



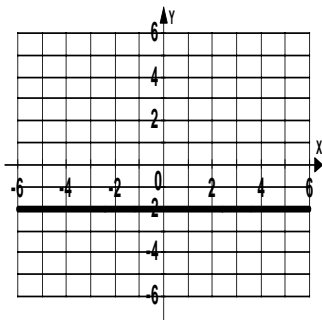
Write the equation for the graphs.

13.



13. _____

14.



14. _____