

Class Name : **8B - B**

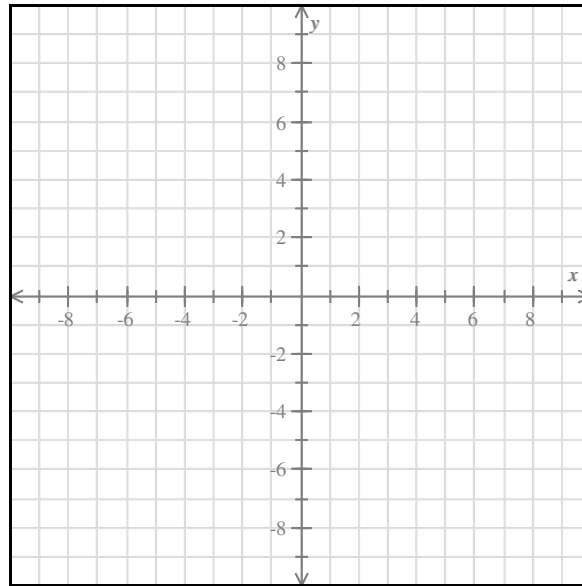
Instructor Name : **Ms. Ryan**

Student Name : _____

Instructor Note :

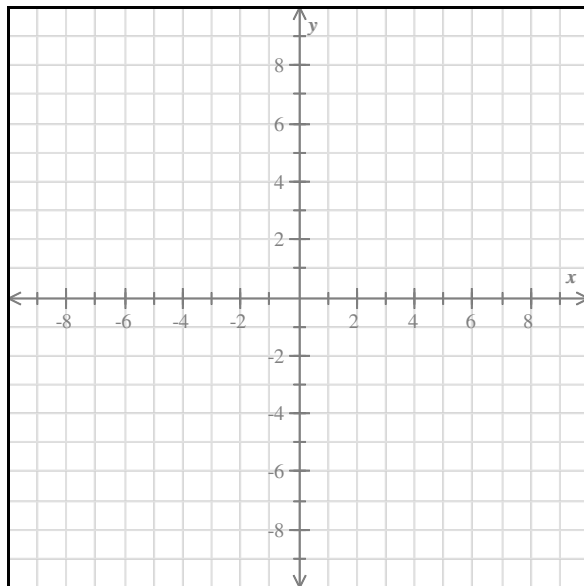
1. Graph the line.

$$-4x + y = -8$$



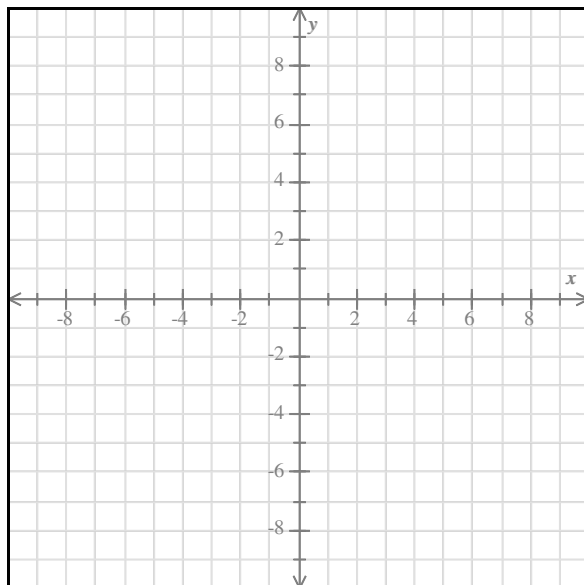
2. Graph the line.

$$x + y = 3$$



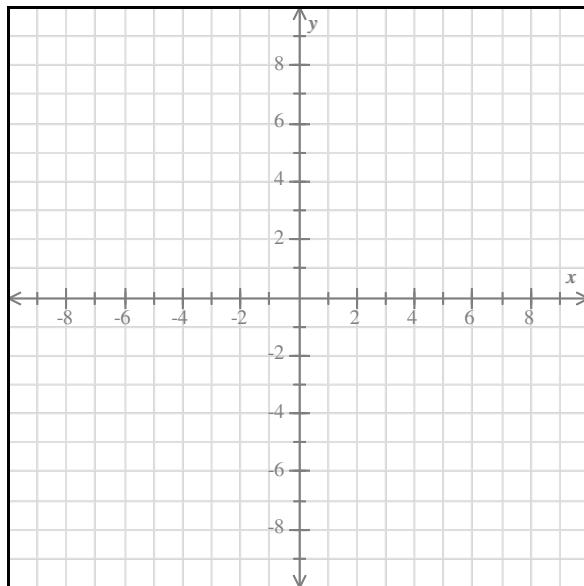
3. Graph the line.

$$y - 3x = -7$$



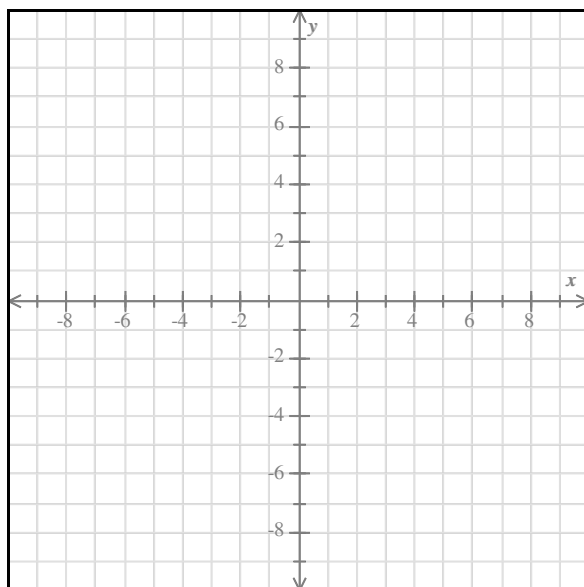
4. Graph the line.

$$x - y = 4$$



5. Graph the line.

$$2x + y = 6$$



6. The equation of a line is given below.

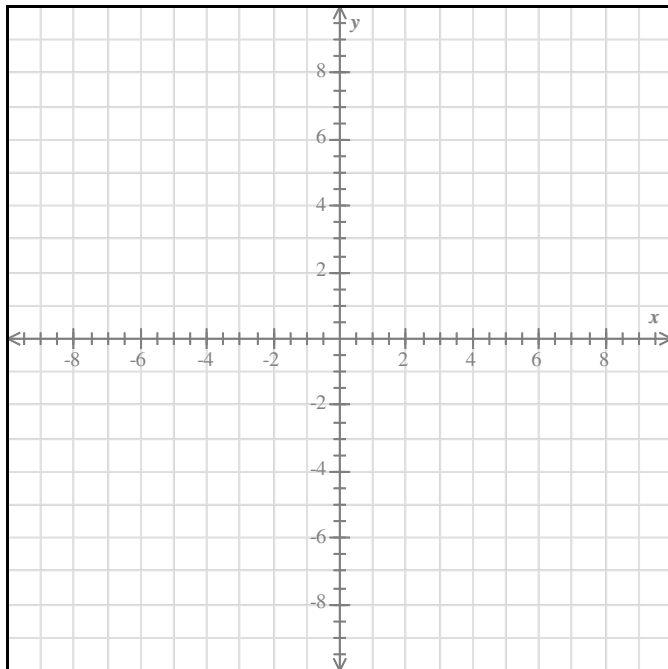
$$-x + 2y = 8$$

Find the x -intercept and the y -intercept.

Then use them to graph the line.

x -intercept: _____

y -intercept: _____



7. The equation of a line is given below.

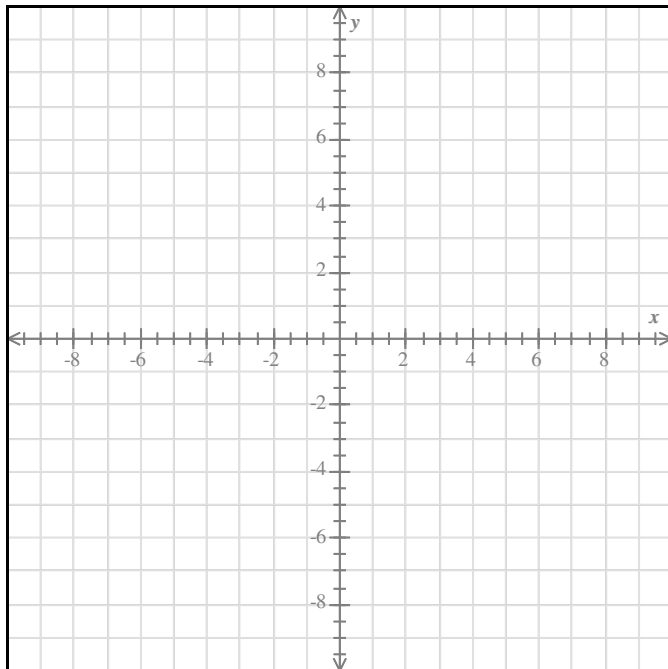
$$7x - 6y = 42$$

Find the x -intercept and the y -intercept.

Then use them to graph the line.

x -intercept: _____

y -intercept: _____



8. The equation of a line is given below.

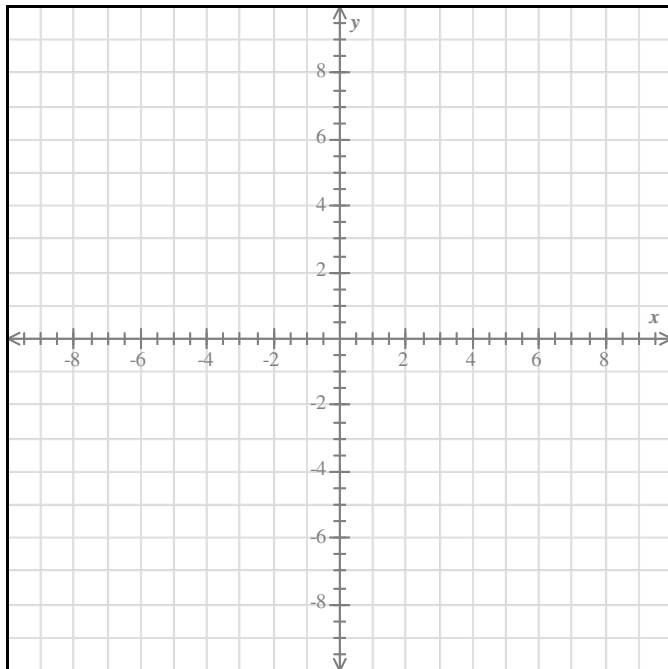
$$x + 7y = 7$$

Find the x -intercept and the y -intercept.

Then use them to graph the line.

x -intercept: _____

y -intercept: _____



9. The equation of a line is given below.

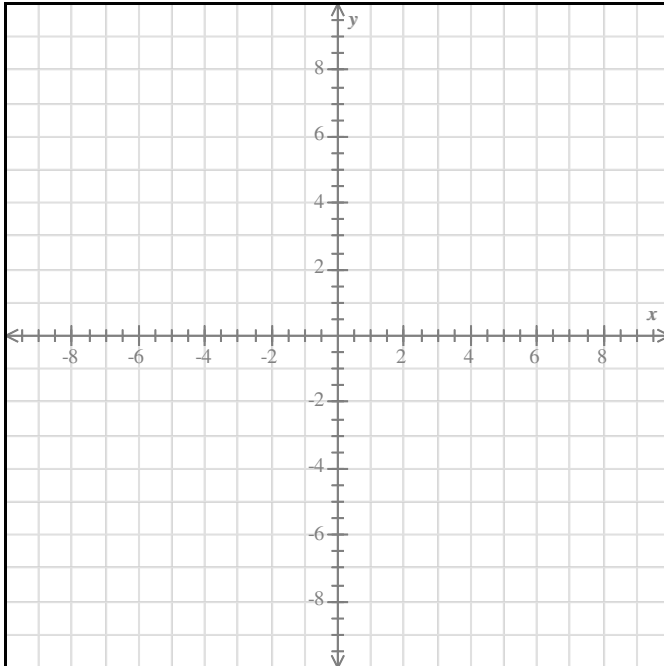
$$-4x + 6y = -18$$

Find the x -intercept and the y -intercept.

Then use them to graph the line.

x -intercept: _____

y -intercept: _____



10. The equation of a line is given below.

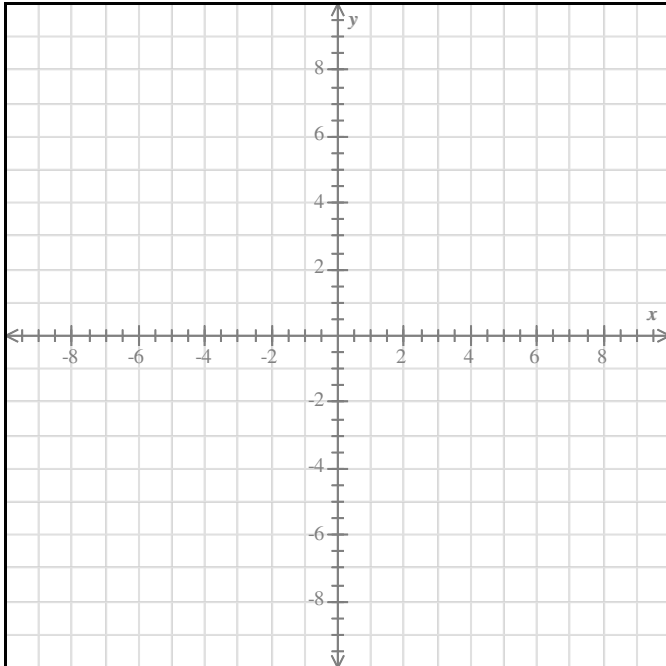
$$4x - 6y = -36$$

Find the x -intercept and the y -intercept.

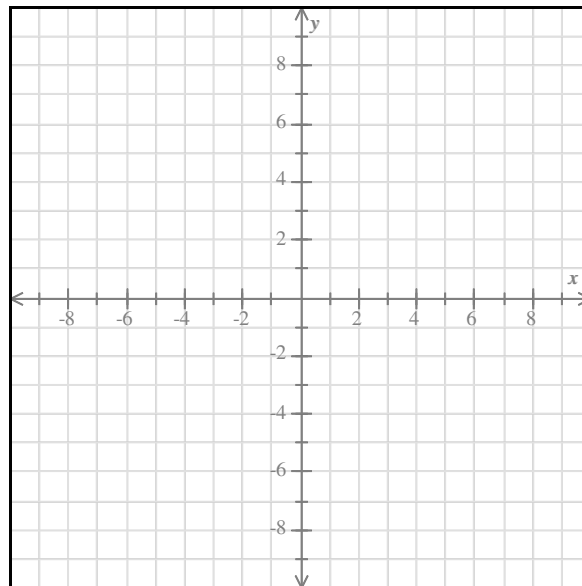
Then use them to graph the line.

x -intercept: _____

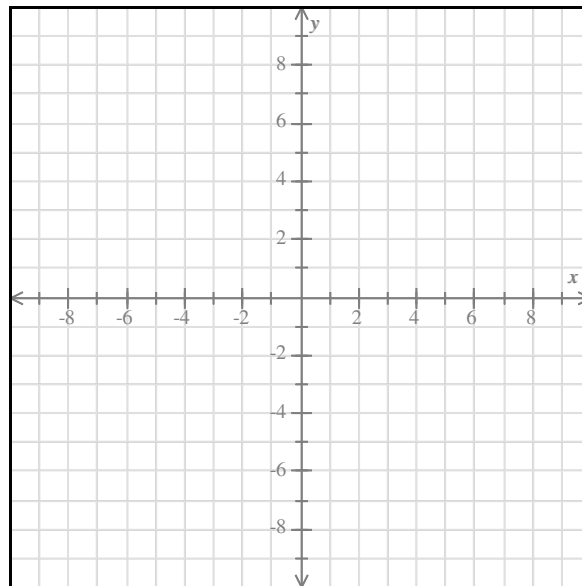
y -intercept: _____



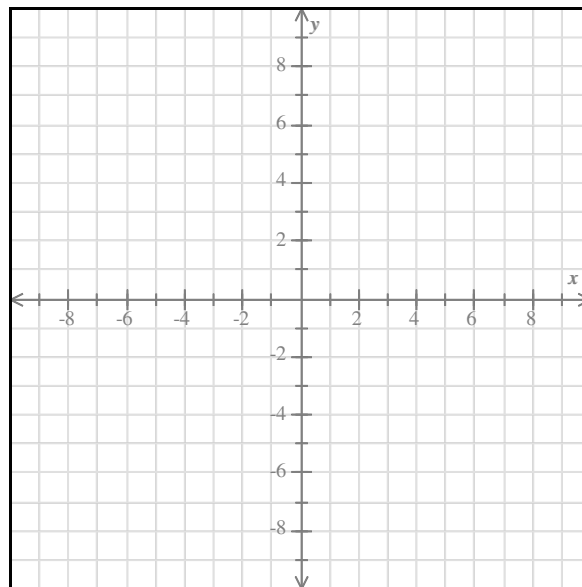
11. Graph the line $x = -5$.



12. Graph the line $y = 8$.



13. Graph the line $y = -3$.



14. First, rewrite $\frac{4}{21}$ and $\frac{1}{6}$ so that they have a common denominator.

Then, use $<$, $=$, or $>$ to order $\frac{4}{21}$ and $\frac{1}{6}$.

$$\frac{4}{21} = \frac{\boxed{}}{\boxed{}} \quad ; \quad \frac{1}{6} = \frac{\boxed{}}{\boxed{}}$$

$$\frac{4}{21} \boxed{} \frac{1}{6}$$

15. Find the greatest common factor of 18 and 38.