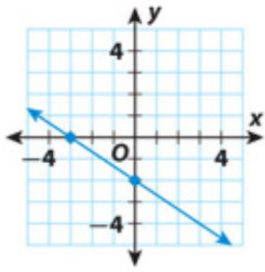


Find the x - and y -intercepts.

3.



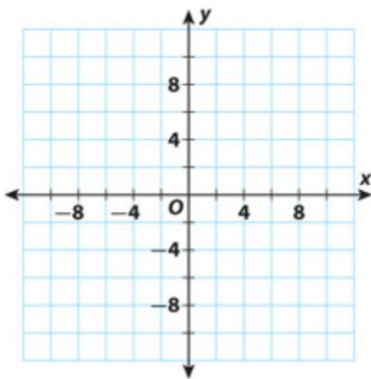
4. $2x - 4y = 4$



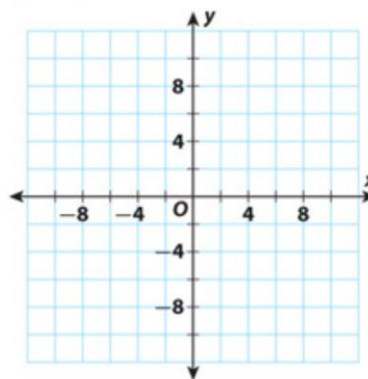
5. $-2y = 3x - 6$

Use intercepts to graph the line described by each equation. (Example 3)

7. $4x - 5y = 20$



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



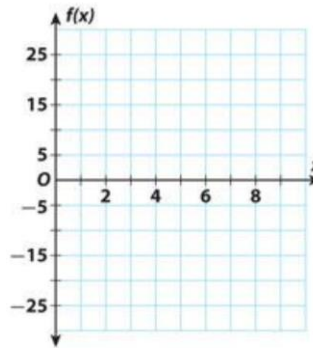
10. To thaw a specimen stored at -25°C , the temperature of a refrigeration tank is raised 5°C every hour. The temperature in the tank after x hours can be described by the function

$f(x) = -25 + 5x$.

a. Graph the function and find its intercepts.



b. What does each intercept represent?



11. A fishing lake was stocked with 300 bass. Each year, the population decreases by 25. The population of bass in the lake after x years is represented by the function $f(x) = 300 - 25x$.

a. Graph the function and find its intercepts.

b. What does each intercept represent?

