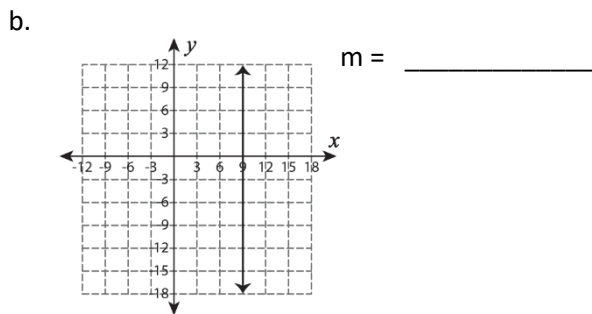
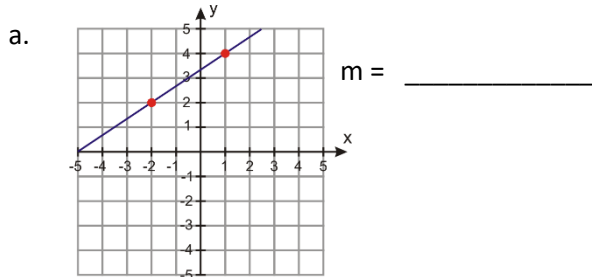


Answer each question, making sure to show your work in the space provided. Take the time to check your work. Write neatly. Circle your final answer.

1. Identify the slope of each of the following linear functions.



2. Find the slope of the line that passes through the given points.

a. $(2, 3)$ and $(6, 5)$

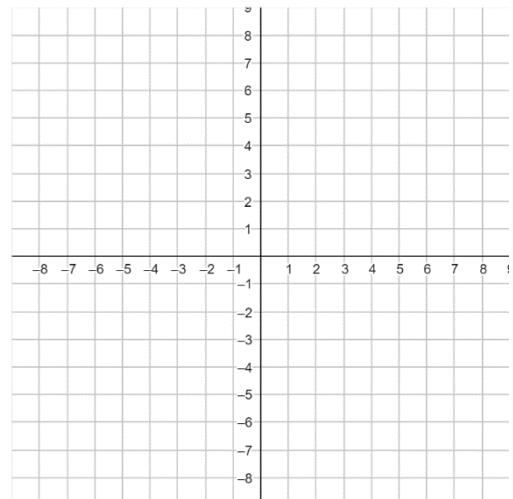
b. $(-4, 3)$ and $(8, 7)$

c. $(5, 8)$ and $(-2, 8)$

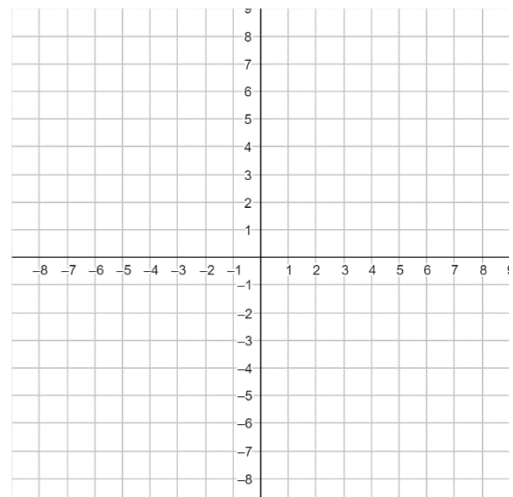
3. Write the equation of a line in slope-intercept form that has a slope of $\frac{1}{5}$ and a y-intercept of 2. Then, graph the line on the given coordinate plane.

a) Equation of the line in slope-intercept form:

b) Graph of the line:



4. Graph the function $y = -\frac{2}{3}x + 3$ on the coordinate plane below.

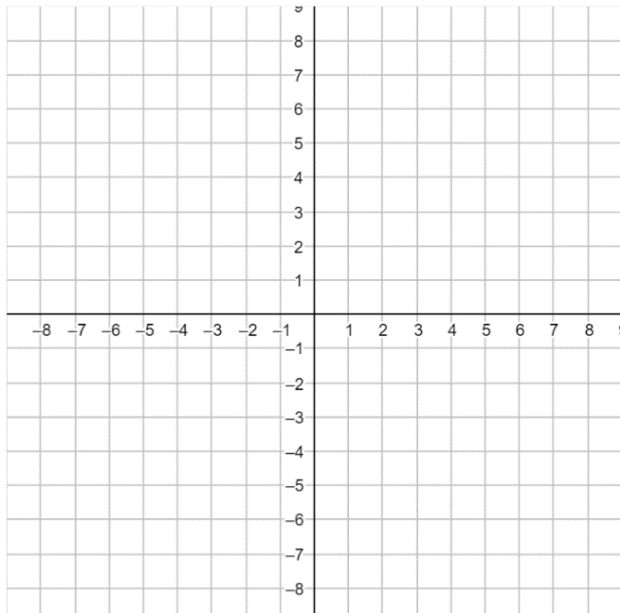


5. Write the given linear equation in slope intercept form, then graph the equation on the given coordinate plane.

$$2x + 3y = 12$$

a) Equation of the line in slope-intercept form:

b) Graph of the line:

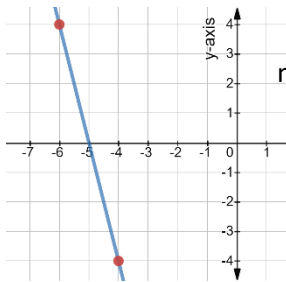
**BONUS:**

The line that passes through (-6, 10) and (w, 6) has a slope of $-\frac{2}{5}$. Solve for w to find the missing coordinate, **then** write the equation of the line in slope-intercept form. You must show your work!

Answer each question, making sure to show your work in the space provided. Take the time to check your work. Write neatly. Circle your final answer.

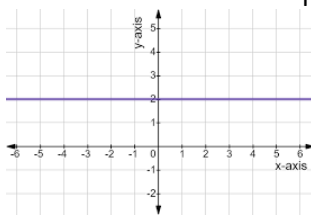
1. Identify the slope of each of the following linear functions.

a.



$m =$ _____

b.



$m =$ _____

2. Find the slope of the line that passes through the given points. Simplify your answer, if possible.

a. $(-2, 3)$ and $(6, -5)$

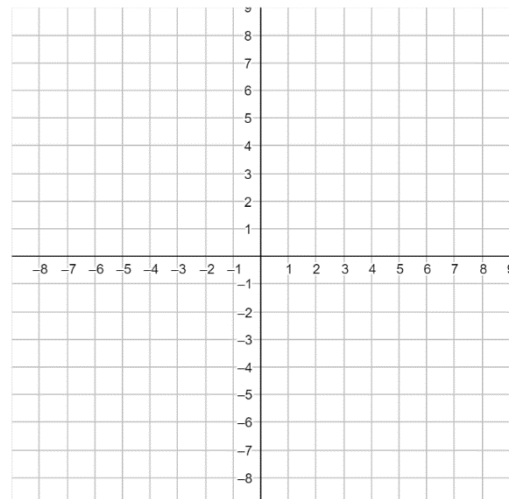
b. $(-4, 5)$ and $(-4, 7)$

c. $(5, -6)$ and $(-2, 8)$

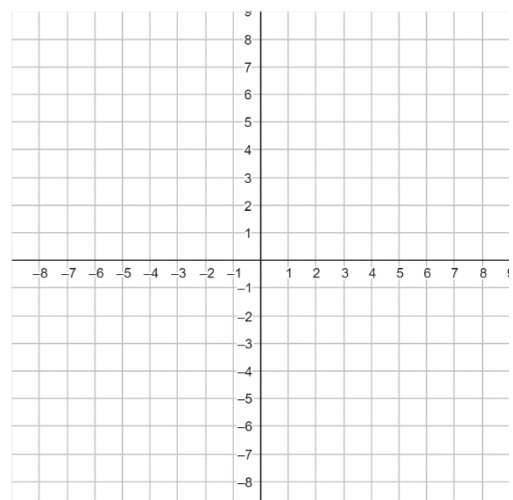
3. Write the equation of a line in slope-intercept form that has a slope of $\frac{3}{2}$ and a y-intercept of -5 . Then, graph the line on the given coordinate plane.

a) Equation of the line in slope-intercept form:

b) Graph of the line:



4. Graph the function $y = -\frac{2}{5}x + 6$ on the coordinate plane below.

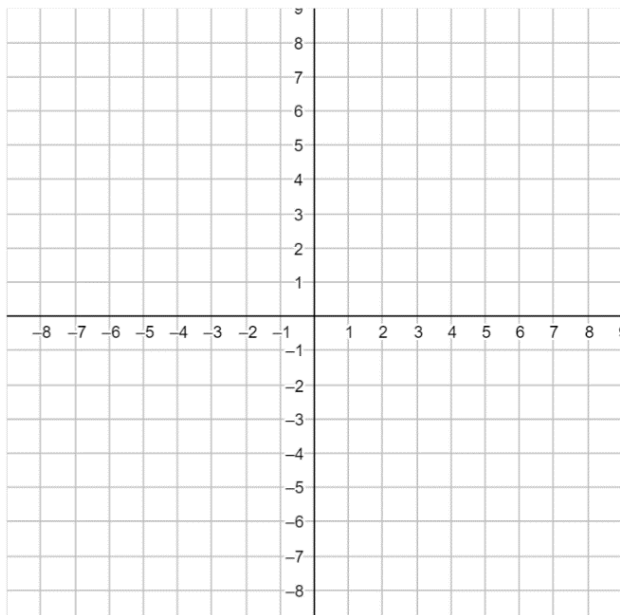


5. Showing your work, write the given linear equation in slope-intercept form, then graph the equation on the given coordinate plane.

$$10x + 5y = 20$$

a) Equation of the line in slope-intercept form:

b) Graph of the line:

**BONUS:**

The line that passes through (5, 3) and (w, 1) has a slope of $-\frac{2}{5}$. Solve for w to find the missing coordinate, **then** write the equation of the line in slope-intercept form. You must show your work!