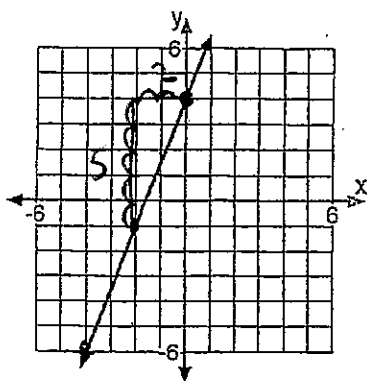


Homework

Use the graph below to answer questions 1 - 3.



1. What is the y-intercept of the graphed line? $b = \underline{4}$

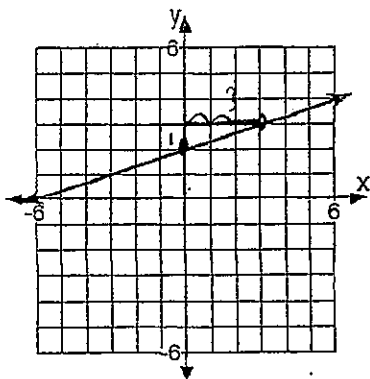
2. What is the slope of the graphed line? $m = \underline{\frac{5}{2}}$

$$m = \frac{\text{rise}}{\text{run}} \quad m = \frac{5}{2}$$

3. Write the equation of the line in the form $y = mx + b$.

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

Use the graph below to answer questions 4 - 6.



4. What is the y-intercept of the graphed line? $b = \underline{2}$

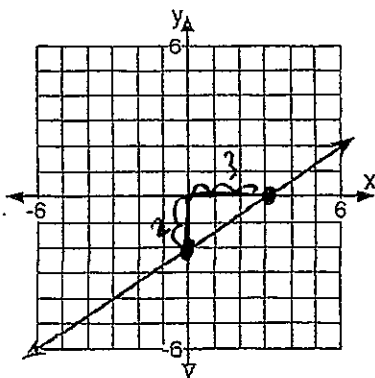
5. What is the slope of the graphed line? $m = \underline{\frac{1}{3}}$

$$m = \frac{\text{rise}}{\text{run}} \quad m = \frac{1}{3}$$

6. Write the equation of the line in the form $y = mx + b$.

$$\underline{y = \frac{1}{3}x + 2}$$

Use the graph below to answer questions 7 - 9.



7. What is the y-intercept of the graphed line? $b = \underline{-2}$

8. What is the slope of the graphed line? $m = \underline{\frac{2}{3}}$

$$m = \frac{\text{rise}}{\text{run}} \quad m = \frac{2}{3}$$

9. Write the equation of the line in the form $y = mx + b$.

$$\underline{y = \frac{2}{3}x - 2}$$