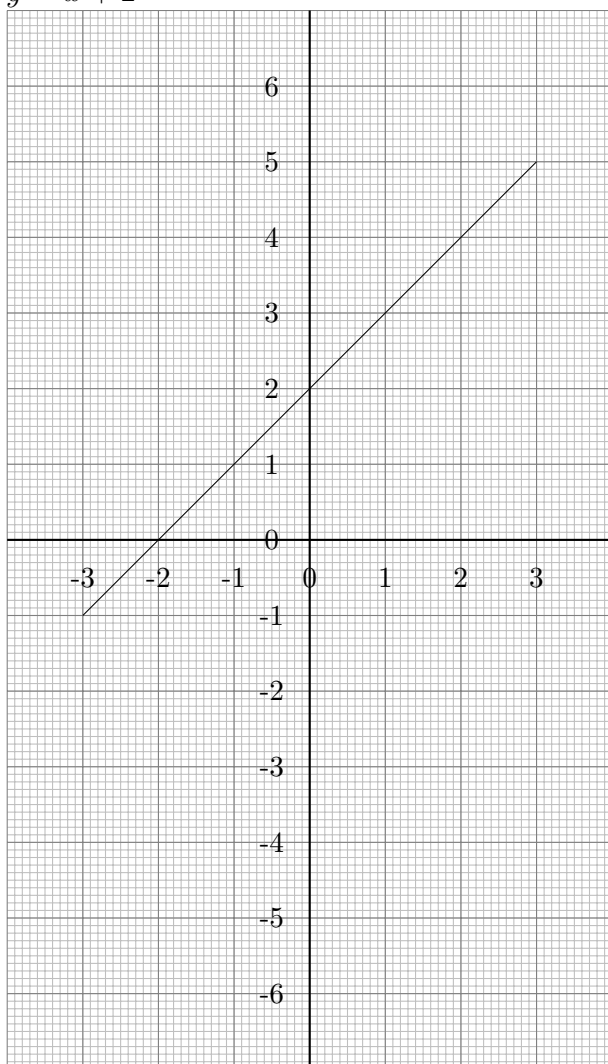


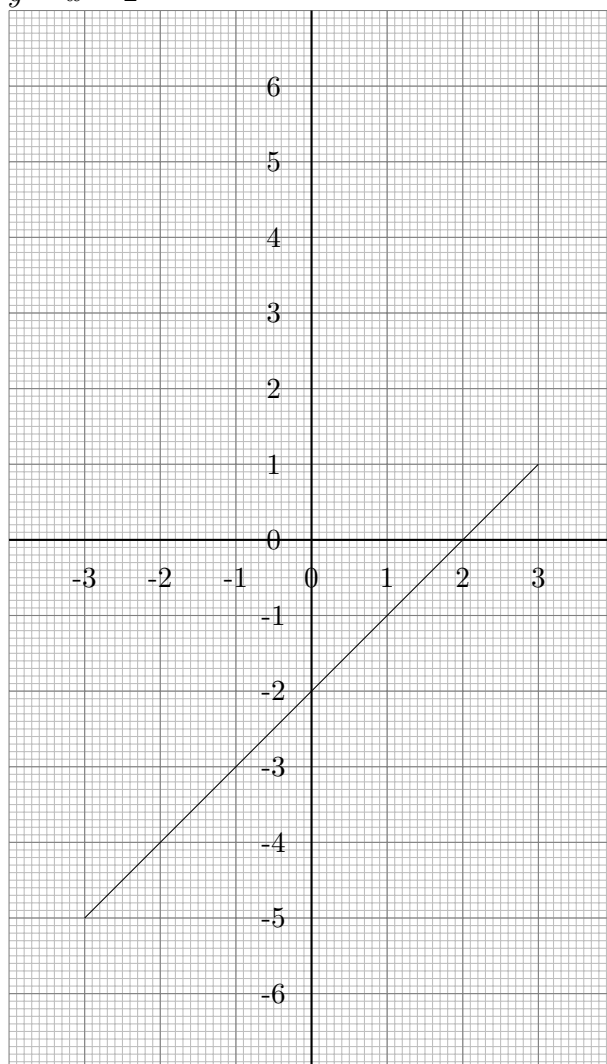
1. Plot for values of x from -3 to 3 .

$$y = x + 2$$



answer

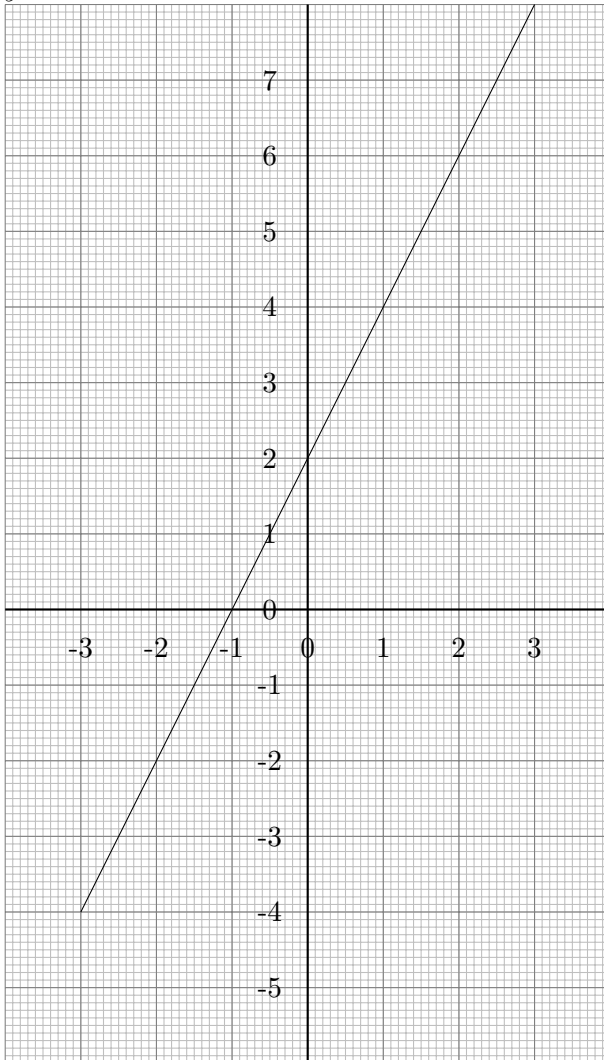
$$y = x - 2$$



answer

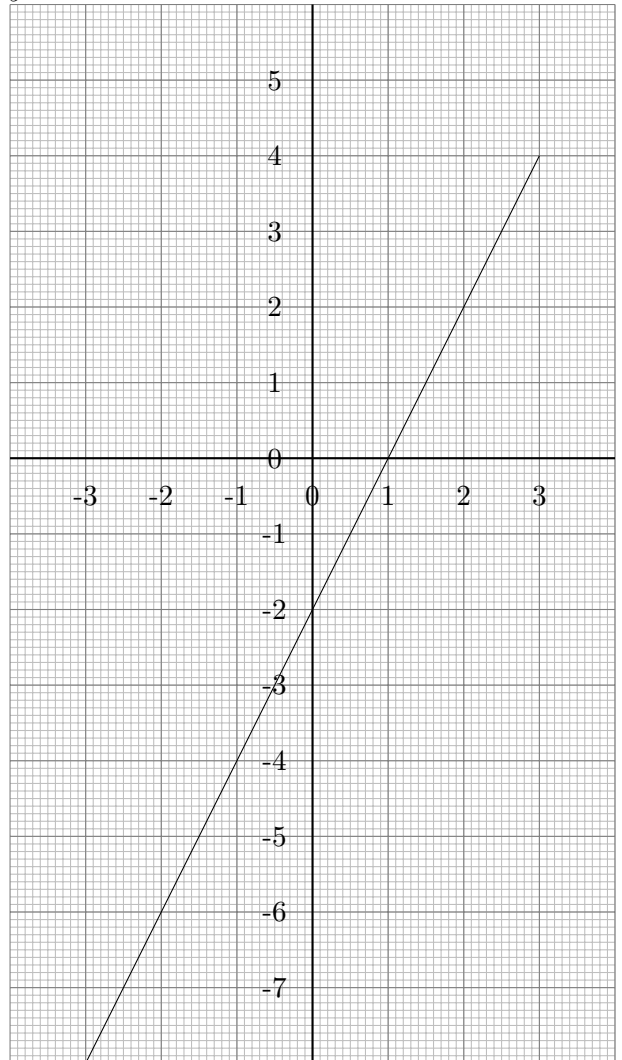
2. Plot for values of x from -3 to 3 .

$$y = 2x + 2$$



answer

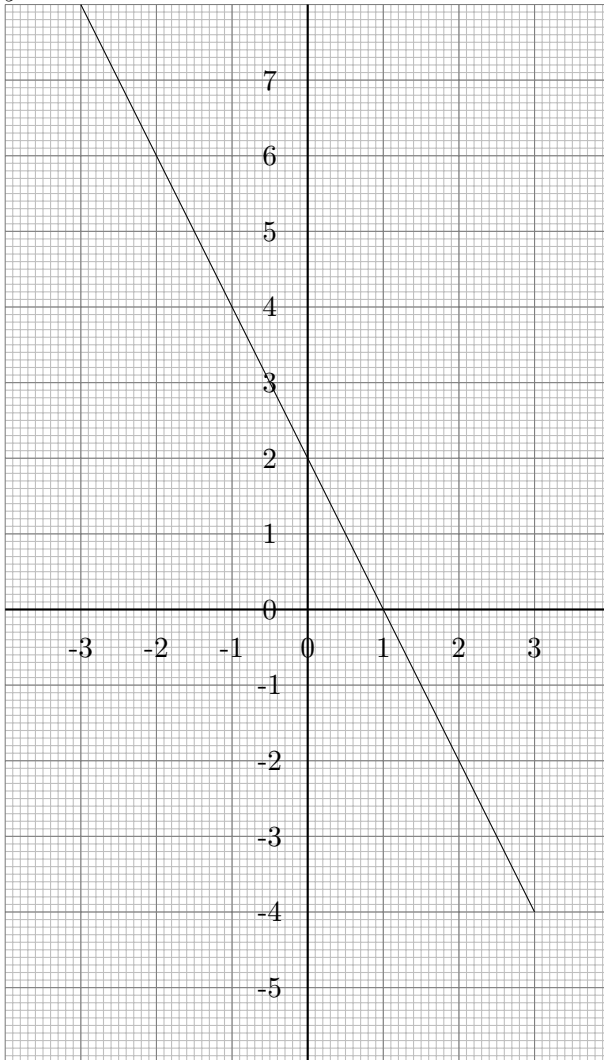
$$y = 2x - 2$$



answer

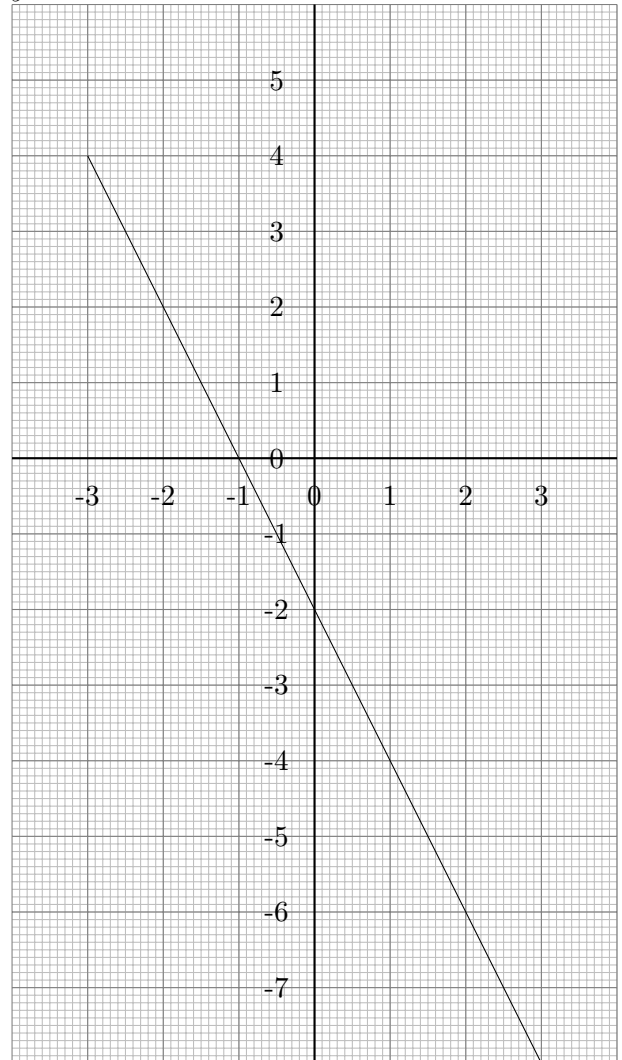
3. Plot for values of x from -3 to 3 .

$$y = -2x + 2$$



answer

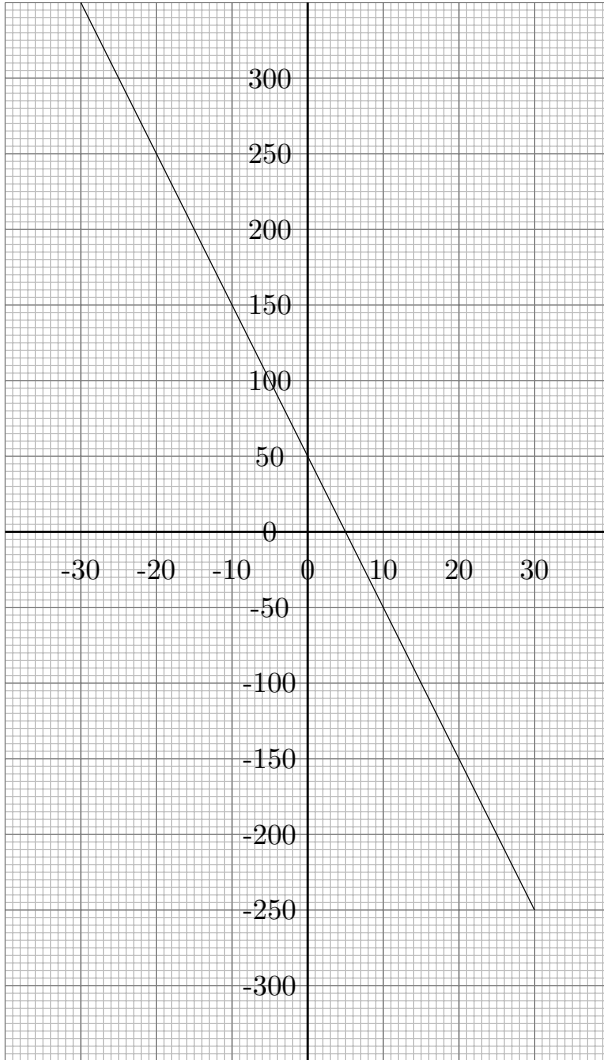
$$y = -2x - 2$$



answer

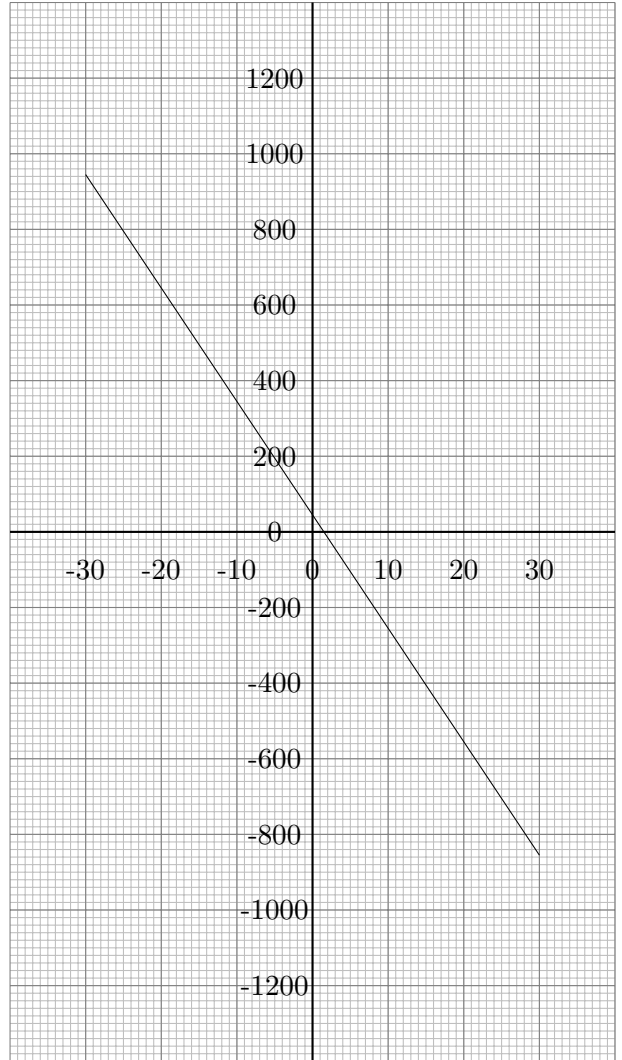
4. Plot for values of x from -30 to 30 .

$$y = -10x + 50$$



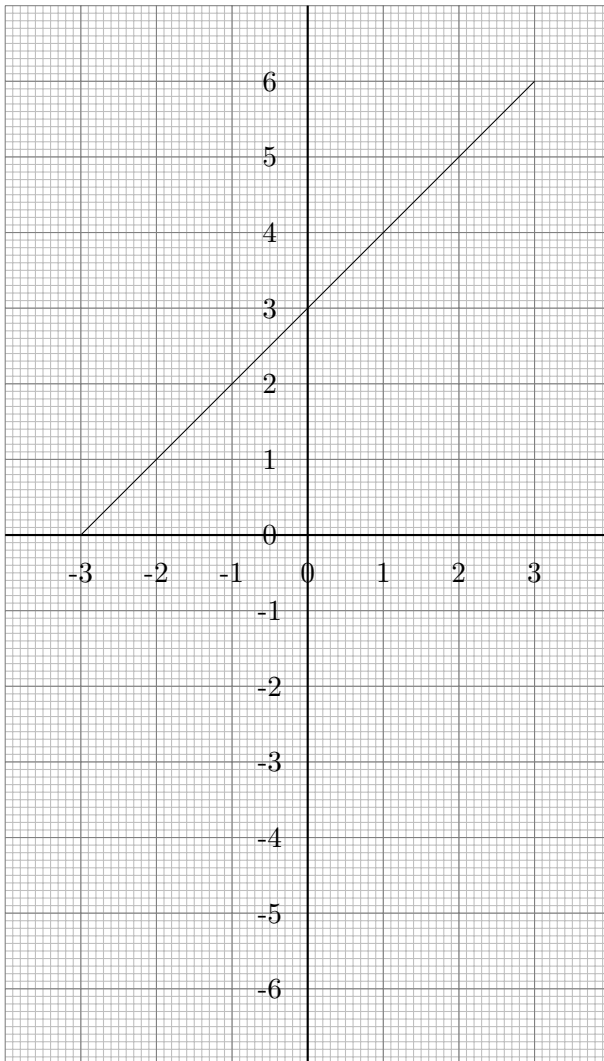
answer

$$y = -30x + 45$$

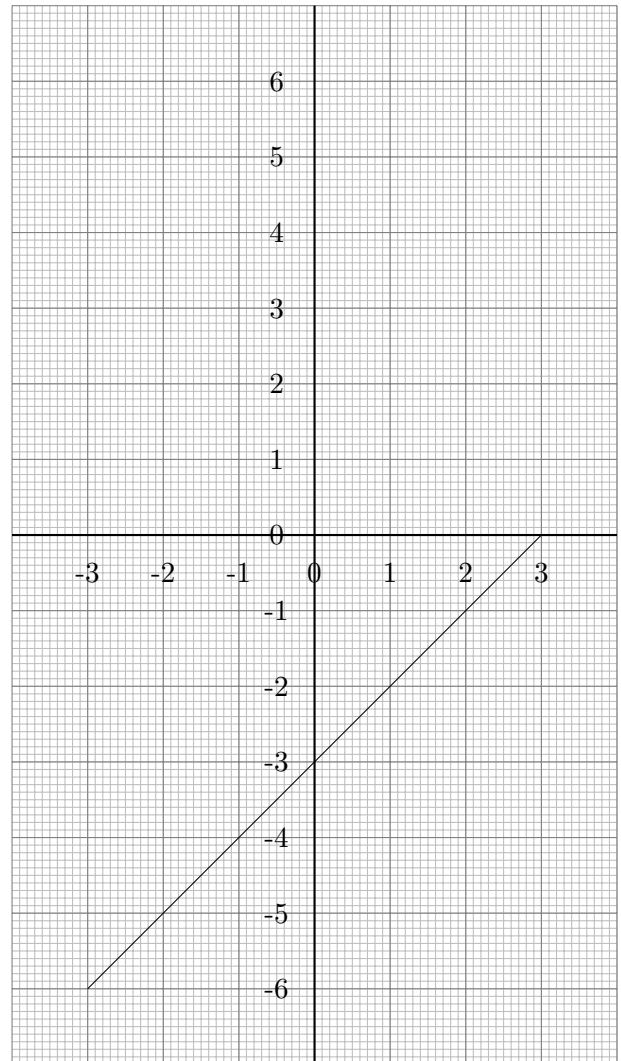


answer

5. Calculate the gradient and write down the y -intercept for each line:

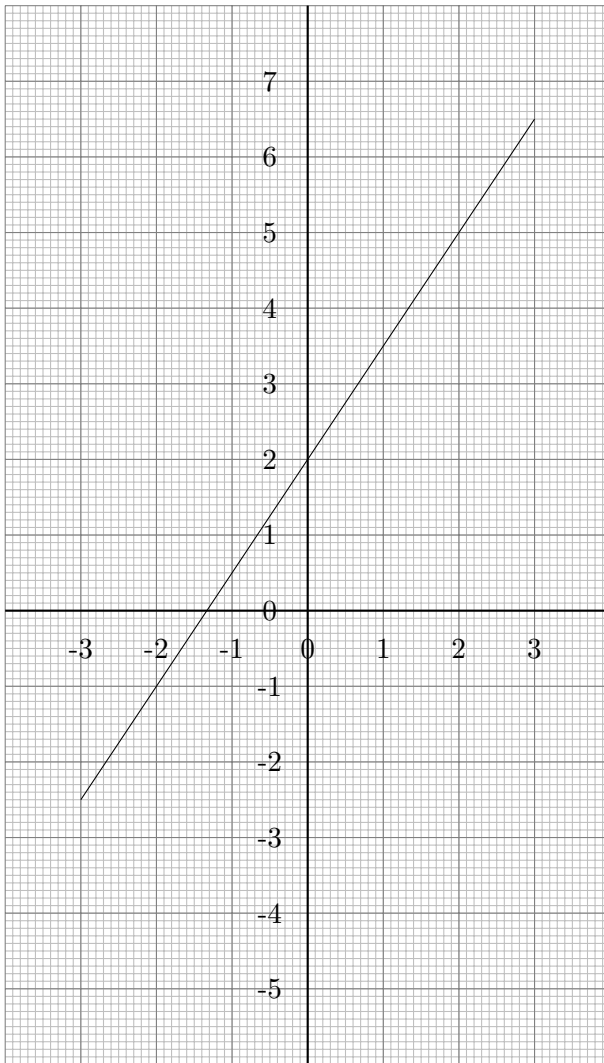


gradient: 1, y -intercept: 3

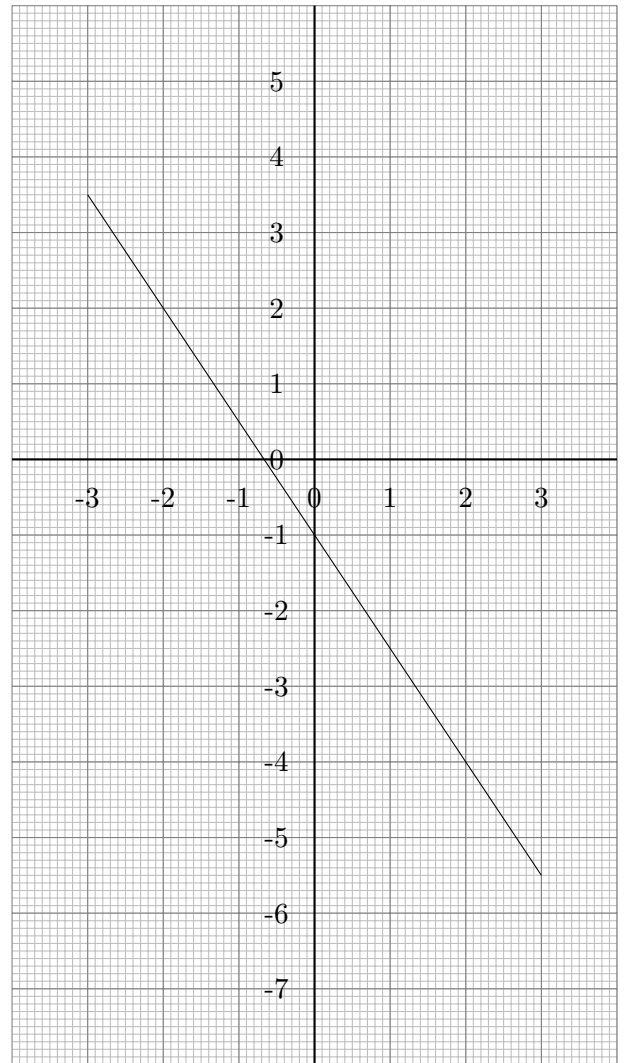


gradient: 1, y -intercept: -3

6. Calculate the gradient and write down the y-intercept for each line:

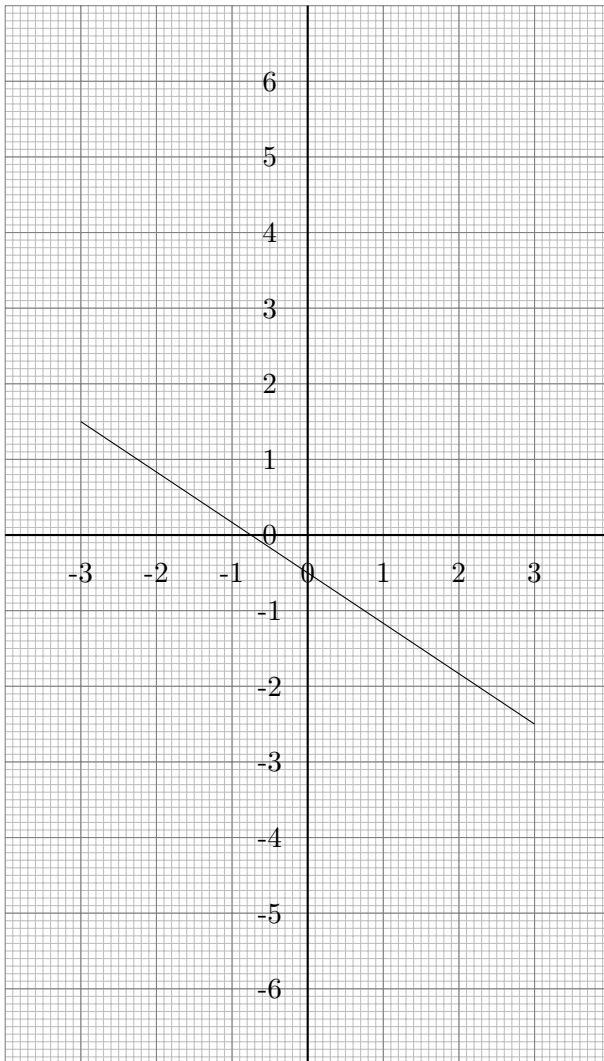


gradient: $\frac{3}{2}$, y-intercept: 2

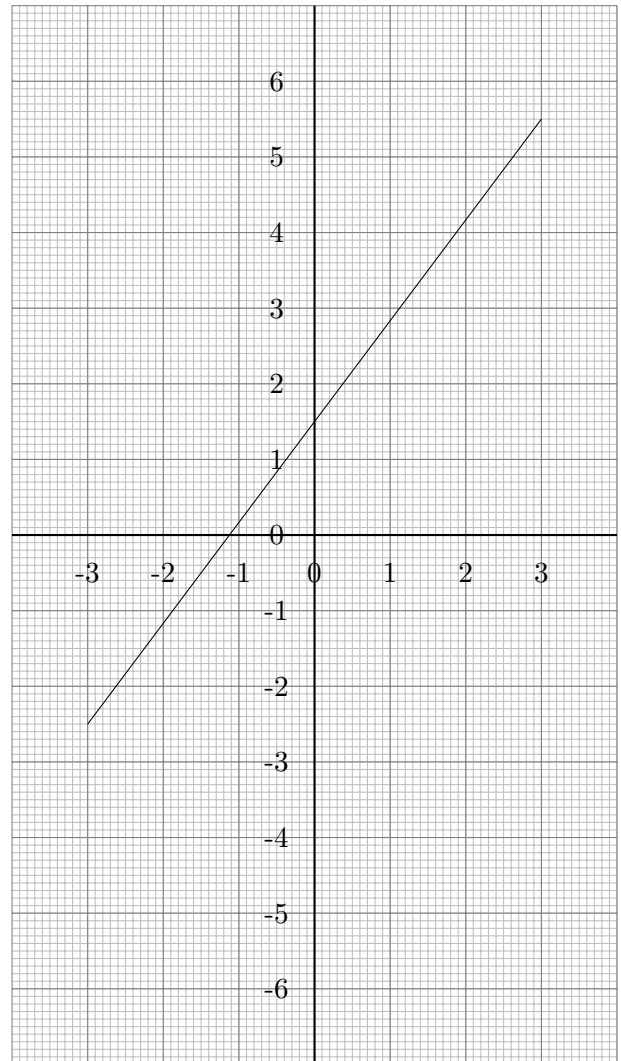


gradient: $-\frac{3}{2}$, y-intercept: -1

7. Calculate the gradient and write down the y-intercept for each line:

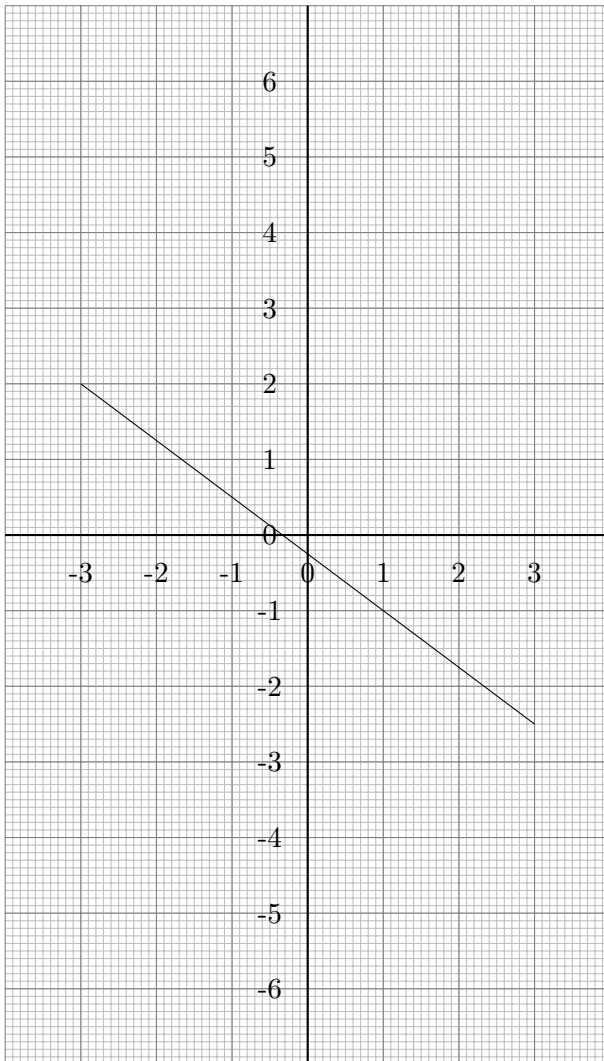


gradient: $-\frac{2}{3}$, y-intercept: -0.5

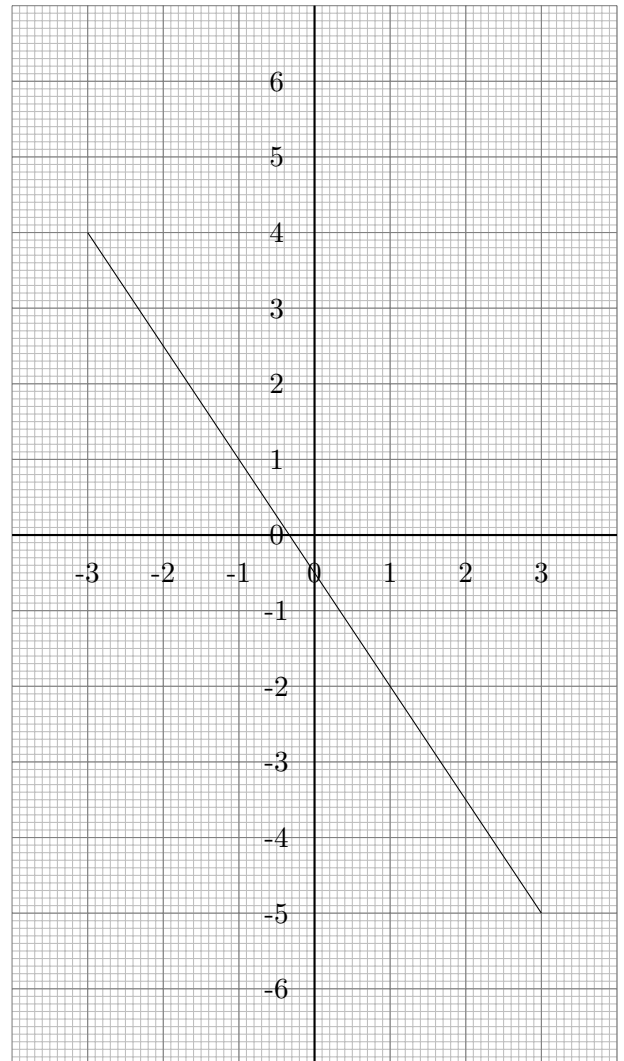


gradient: $-\frac{4}{3}$, y-intercept: 1.5

8. Calculate the gradient and write down the y-intercept for each line:



gradient: $-\frac{3}{4}$, y-intercept: -0.25



gradient: $-\frac{3}{2}$, y-intercept: -0.5