

MemorizE D SLOPE INTERCEPT Y=MX+b POINT SLUPE Y-y1 = m(X-X1) STANDARD FORM AX+ BY=C

Write the SLOPE-INTERCEPT form of the equation of the line described.



Write the slope-intercept form of the equation of the line through the given point with the given slope.



Write the slope-intercept form of the equation of the line through the given points.

11) through: (-4, 4) and (-2, 1)

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

$$M = \frac{\Delta Y}{\Delta x} = \frac{4 - 4}{- + 2} = \frac{3}{-2}$$

$$M = -\frac{3}{2}(x + 4)$$

$$Y - 4 = -\frac{3}{2}(x + 4)$$