FMPC10

Slope-Point Form (Point-Slope Form)

- This form is very important for calculus
- It is relatively easy to graph
- There are the most typical scenarios when this form is used:
 - 1. The slope of the line is known and only one point on the like is known.
 - 2.Two points on the line are known.

Example 1: Write an equation of a line in slope-point form if the line has a slope of $\frac{3}{4}$ and passes through the point P (-1, 4).

Example 2: Write an equation of a line in slope-point form if the line has a slope of -6 and passes through the point P (5, 3).



