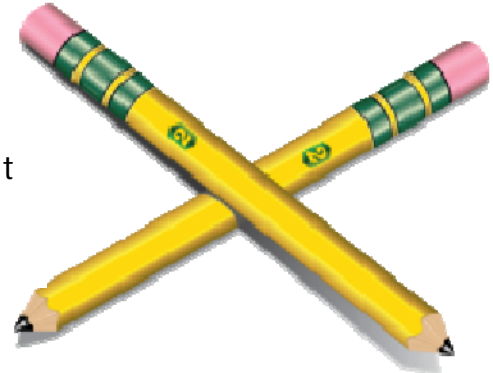


Name _____

Date _____

Point and Slope - Step-by-Step Lesson



A line has a zero slope and passes through the point (-2, 6).

What is the equation of the line?

Explanation:

The equation of straight line is $y = mx + b$.

We know that m (slope) = 0

We also have x (-2) and y (6).

We have to find out value of b .

b is y intercept.

To calculate b plug values of x , y and m in equation

$$y = mx + b$$

$$6 = 0(-2) + b$$

$$b = 6$$

Write the complete equation:

$$y = 6$$

