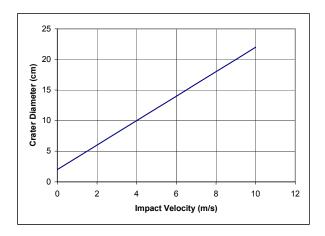
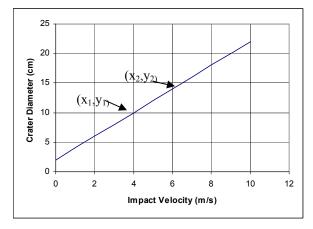
Designing Craters: Creating a Deep Impact

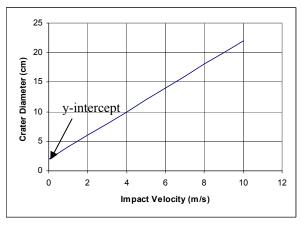
Finding a Formula for a Line

OVERHEAD TRANSPARENCY

Lines can be represented by formulas







Step 1: Find the slope by finding two points on the line.

m = slope of the line

m = rise/run

 $m = (y_2 - y_1)/(x_2 - x_1)$

In this example:

m = ()/(

m =

Step 2: Find the y-intercept

b = y-intercept (place where the line crosses the y-axis) In this example, b=

Step 3: Find the Formula

Our formula, y =