Finding an equation from a table.

1. Identify the y-intercept.

  - it's the y-value when x = 0

2. Determine the slope.

  - it's the rise divided by the run

  (find the rise between two points, and the run between the **same** two points... divide them!)

Example.

Find the equation of the line given the table of values below.

x	y
-3	-7
0	-11
3	-15

Finding an equation from a graph.

1. Identify the y-intercept.

   - it's the y-value where the line crosses the y-axis.

2. Determine the slope.

   - it's the rise divided by the run

   (find the rise between two points, and the run between the same two points... divide them!)

   USE A RATE TRIANGLE

Example.

Find the equation of the line given the graph below.