Linear Relations (continued)

**Interpolation:** Estimating a value on a line graph within the limits of the line.

How to: 1. Graph your equation

 2. Find the x co ordinate you are looking for

3. Find the closest x co ordinate that is a legitimate point from the question. This co ordinate should have a y co ordinate to go with it.

4. You move up from your x co ordinate (that you are looking for) and find the associated y co ordinate.

**Extrapolation:** Estimating the value outside the limits of a line on a graph by extending that line.

How to: 1. Graph your equation

 2. Find the x co ordinate you are looking for

 3. You extend your line WITH A RULER!

 4. Read off the y co ordinate.

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Pg 226: 4-15