Understanding Line Plots

Brothers and Sisters	Number of Children
0	II
1	III
2	₦₦
3	II
4	I

Children's Brothers and Sisters

A <u>line plot</u> is a graph that shows the <u>frequency</u> (how often) of something happening on a number line. For example, this line plot shows a survey of how many siblings children had.

Decoding questions about line plots

What the question says…	How do I answer?
What is the <u>most common</u> number of brothers and sisters someone had?	<u>Most Common</u>: which option happens the most? Which number has the most x's?
What is the <u>difference</u> between the <u>greatest and least</u> number of siblings?	<u>Difference</u>: subtract <u>Greatest</u>: biggest/largest <u>Least</u>: smallest
What number of siblings <u>occurs the least often</u>?	<u>Occurs</u>: happens <u>Least often</u>: which option did the smallest amount of people choose? Which point on the number line has the least x's?
How many children have <u>more than 2</u> siblings?	Which options on the number line are greater than two?