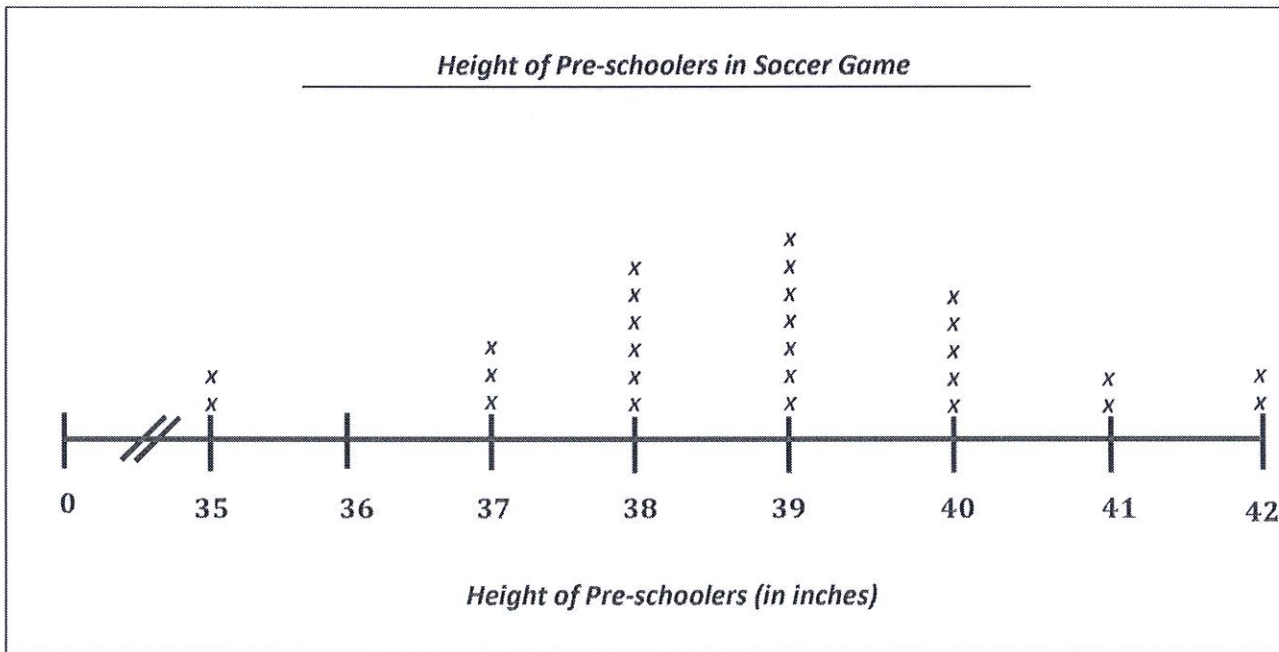


G2-M7-Lesson 26

Use the data in the table provided to create a line plot and answer the questions. Plot only the heights of participants given.

The table below describes the heights of pre-schoolers in the soccer game.

Height of Pre-schoolers (in inches)	Number of Pre-schoolers
35	2
37	3
38	6
39	7
40	5
41	2
42	2



1. How many pre-schoolers were measured? 27

I started adding with the bigger numbers. I know that $6 + 7 = 13$. Then $13 + 5 = 18$, and 2 more is 20. All that is left is $3 + 2 + 2 = 7$. And $20 + 7 = 27$.

2. How many more pre-schoolers are 38 or 39 inches than 37 or 40 inches? 5

I know that 13 pre-schoolers are 38 inches or 39 inches, and 8 pre-schoolers are 37 or 40 inches, so then I just subtract. $13 - 8 = 5$, so the answer is 5 pre-schoolers.

3. Draw a conclusion as to why zero pre-schoolers were between 0 and 35 inches.

There were 0 pre-schoolers less than 35 inches, because most pre-schoolers are more than 35 inches.

It would be hard to play on a soccer team if you were only 25 inches tall. That's like a baby!

4. For this data, a line plot / table (circle one) is easier to read because ...

It is easy to see which heights had the most and least number of pre-schoolers by looking at the number of X's. Also, the measurements are close together, so it's easy to make the number line.