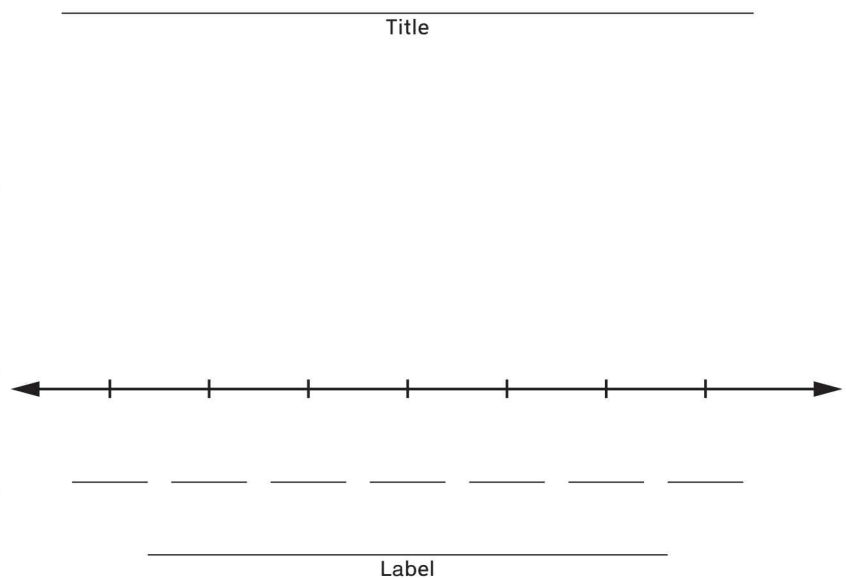# Student Growth

Mrs. Welch surveyed her students about how much they had grown over the past year. This is the data she gathered.

| Student Growth Over the Past Year (to the nearest $\frac{1}{2}$ inch) | |
|---|---|
| $1\frac{1}{2}$ | $1\frac{1}{2}$ |
| 2 | $2\frac{1}{2}$ |
| $2\frac{1}{2}$ | 2 |
| $\frac{1}{2}$ | $1\frac{1}{2}$ |
| $2\frac{1}{2}$ | $\frac{1}{2}$ |
| 1 | 2 |
| $1\frac{1}{2}$ | 2 |
| $1\frac{1}{2}$ | $\frac{1}{2}$ |
| $3\frac{1}{2}$ | $1\frac{1}{2}$ |
| 1 | 1 |
| 1 | $2\frac{1}{2}$ |
| 2 | 2 |
| $2\frac{1}{2}$ | $1\frac{1}{2}$ |

(1) Plot the data set on the line plot.

_____
                    Title



_____
                    Label

Use the completed line plot to answer the questions.

(2) What is the greatest number of inches a student grew in a year?

About _____ inch(es)        The least? About _____ inch(es)

(3) What is the difference between the greatest and the least number of inches grown?

Number model with unknown: _____        Answer: _____ inch(es)

## Practice

Circle the three equivalent fractions in each group.

(4) $\frac{1}{4}$, $\frac{3}{6}$, $\frac{1}{8}$, $\frac{2}{8}$, $\frac{3}{12}$

(5) $\frac{3}{4}$, $\frac{4}{8}$, $\frac{6}{8}$, $\frac{5}{6}$, $\frac{9}{12}$

(6) $\frac{2}{3}$, $\frac{1}{5}$, $\frac{4}{6}$, $\frac{7}{12}$, $\frac{8}{12}$

(7) $\frac{1}{2}$, $\frac{5}{10}$, $\frac{4}{8}$, $\frac{7}{12}$