

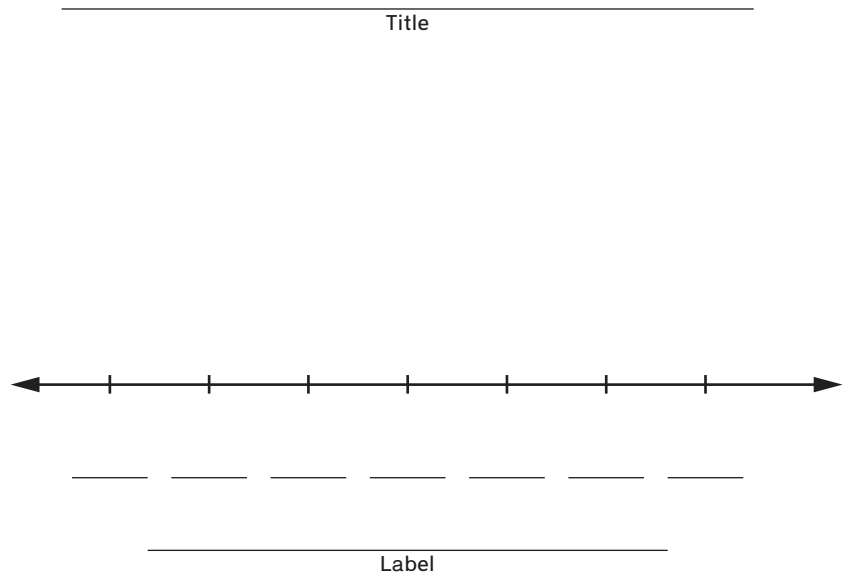
# Student Growth

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.



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