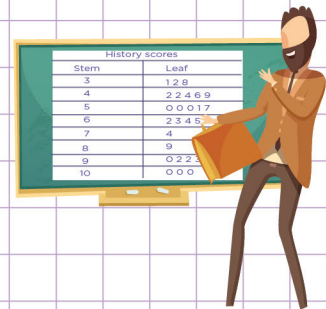


Name: ..... Class: .....

Interpret stem - and - leaf plots

Mr. James recorded the scores of his students on the history test they wrote last week.

History scores	
Stem	Leaf
3	1 2 8
4	2 2 4 6 9
5	0 0 0 1 7
6	2 3 4 5 5
7	4
8	9
9	0 2 2 3
10	0 0 0 0



Remember that in a stem-and-leaf plot, the **stem tells the first digit of the number**, while the **leaf tells the last digit of the number**.

a. How many students have exactly 46 scores?

b. How many students have exactly 50 scores?

c. How many students have exactly 92 scores?

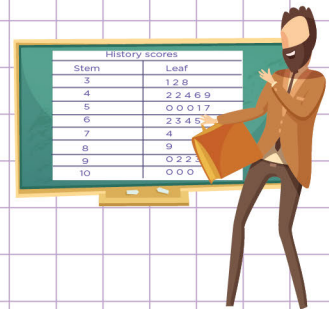
d. How many students have exactly 100 scores?

Name: ..... Class: .....

## Interpret stem - and - leaf plots

Mr. James recorded the scores of his students on the history test they wrote last week.

History scores	
Stem	Leaf
3	1 2 8
46 → 4	2 2 4 <u>6</u> 9
50 → 5	<u>0</u> <u>0</u> <u>0</u> 1 7
6	2 3 4 5 5
7	4
8	9
92 → 9	0 <u>2</u> <u>2</u> 3
100 → 10	<u>0</u> <u>0</u> <u>0</u> 0



Remember that in a stem-and-leaf plot, the **stem tells the first digit of the number**, while the **leaf tells the last digit of the number**.

a. How many students have exactly 46 scores?

For the number 46, the stem is 4, and the leaf is 6.  
Find the row where the stem is 4.  
In the row where 4 is, count all the leaves that equal 6.  
1 leaf is found inside a box in the stem-and-leaf plot.  
So, 1 student has exactly 46 scores in the History test

b. How many students have exactly 50 scores?

For the number 50, the stem is 5, and the leaf is 0.  
Find the row where the stem is 5.  
In the row where 5 is, count all the leaves that equal 0.  
3 leaves are found inside a box in the stem-and-leaf plot.  
So, 3 students have exactly 50 scores in the History test

c. How many students have exactly 92 scores?

For the number 92, the stem is 9, and the leaf is 2.  
Find the row where the stem is 9.  
In the row where 9 is, count all the leaves that equal 2.  
2 leaves are found inside a box in the stem-and-leaf plot.  
So, 2 students have exactly 92 scores in the History test

d. How many students have exactly 100 scores?

For the number 100, the stem is 10, and the leaf is 0.  
In the row where 10 is, count all the leaves that equal 0.  
4 leaves are found inside a box in the stem-and-leaf plot.  
So, 4 students have exactly 100 scores in the History test