

Heights of coastal redwood trees to the nearest foot:

339, 361, 363, 368, 341, 366, 360, 358, 359, 358, 366
min max

1) Make a dot plot of the above data about the heights of redwood trees.



2) Find the following

Count: 11 trees Min: 339 ft. Max: 368 ft.
from 339 to 368 ft

Range: or 29 ft. Mean: $\frac{3939}{11} \approx 358.09$ ft. Median: 360 ft.

Mode: bimodal 358 & 360 ft

$5 + 1 + 5 = 11$ count
 ↑
 med.

3. Make a stem and leaf plot for the given data about number of points scored by Magnolia Middle School in basketball games last season.

~~26, 37, 48, 33, 49, 26, 19, 26, 48~~

Stem	Leaf
1	9
2	6 6 6
3	3 7
4	8 8 9

Key: 3|7 = 37 points

- 4) Cups of coffee sold at a coffee vending machine outlet in two weeks are as follows.

Stem	Leaf
5	0 2 8 9
6	0 3 3 5 9 9
7	2 5 7 8

Key: $7|2 = 72$ cups

- a) What is the maximum number of cups of coffee sold in one day?
- b) How many days showed less than 70 sales?
- c) What was the mean number of sales?
- d) What was the mode of the sales of cups of coffee?



78 cups

10 days

$\frac{910}{14} = 65$ cups

bimodal 63 & 69 cups