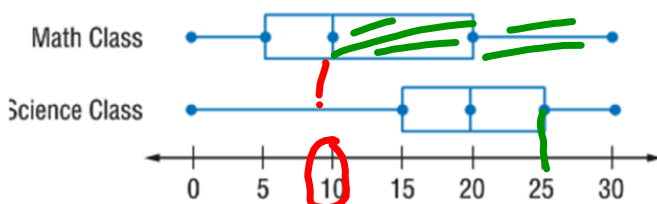


Homework: Dot Plots



Kacey surveyed a different group of students in her science and math classes about how many times they blog.

1) What percent of students in math class get on the blog between 10 and 30 times?

2) What is the science UQ?

$$20 - 5 = 15 \text{ math}$$

3) What is the math median?

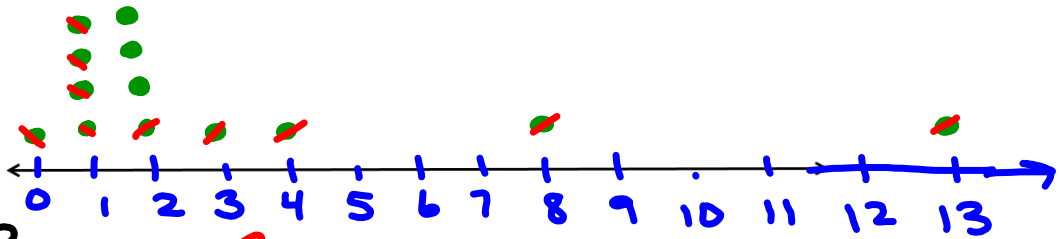
$$25 - 15 = 10 \text{ science}$$

4) Which class had a higher IQR?

Creating & Reading Dot Plots: Class Dot Plot Activity



Dot Plot: How many siblings do the boys in our class have?



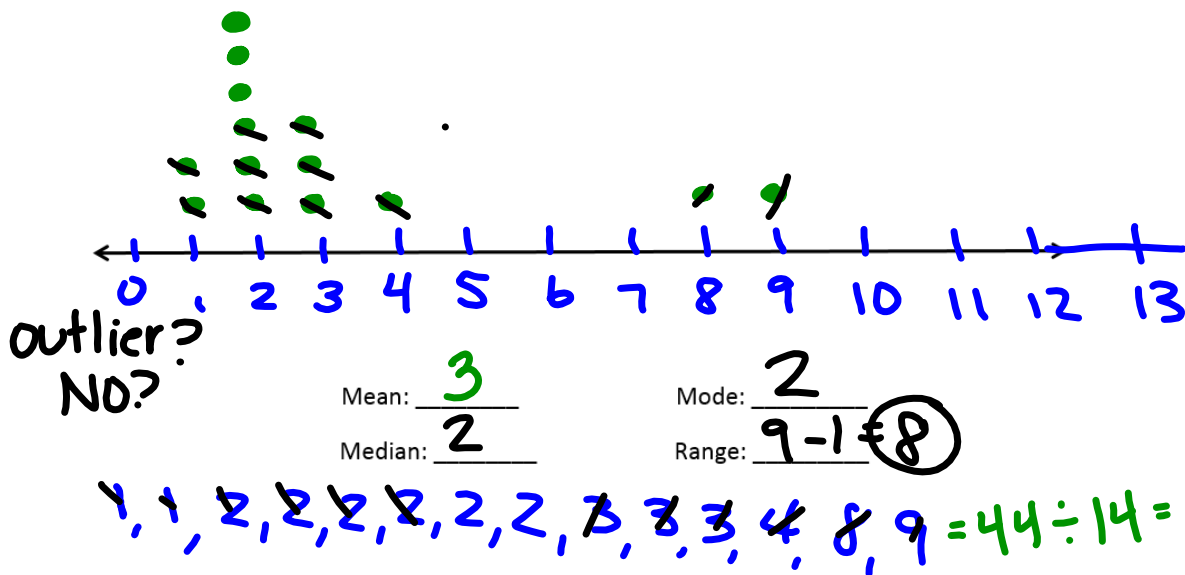
outlier?
Yes

Mean: 3 (+)
Median: 2 ÷

Mode: 1, 2
Range: 13 - 0 = 13

~~0~~, 1, 1, 1, 1, 2, 2, 2, 2, 3, 4, 8, 13 = 40 ÷ 13

Dot Plot: How many siblings do the girls in our class have?



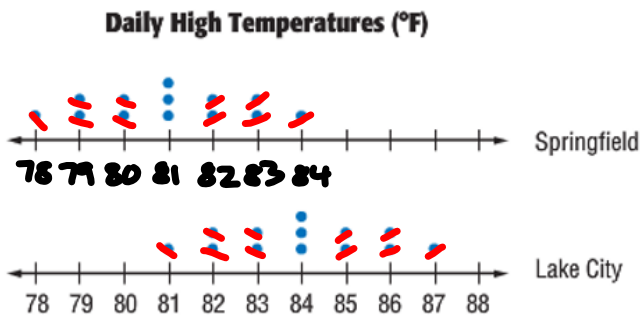
Comparing Dot Plots:

Who had a larger median? Same Who had a larger mean? Same

Whose data looks more clumped together? girls Spread out? dudes

So I can conclude that girls have more consistent data.

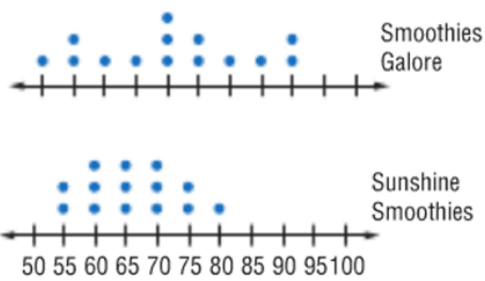
Practice!



This dot plot shows the daily high temperatures for the 2 cities over 13 days. (Each dot represents a day)

1. What is Springfield's median temperature? 81°
2. What is Lake City's ~~mean~~ ^{median} temperature? 84°
3. What is the range of the temperatures for Lake City? 84-78=6 Springfield? 87-81=6
4. What is the mode of the temperatures for Lake City? 84 Springfield? 81

Number of Fruit Smoothies Sold



The following dot plot shows the number of smoothies sold on a Friday in each Smoothie store.

1. What is Smoothies Galore median number of smoothies sold? _____
2. What is Sunshine Smoothies median number of smoothies sold? _____
3. What is the range of the smoothies sold for SG? _____ SS? _____
4. What is the mode of the smoothies for SG? _____ SS? _____
5. Does either shops data seem more spread out than the other? _____

Dot Plots Homework-

1. What is the median daily low temperature for City A?
2. What is the median daily low temperature for City B?
3. How does the median temperature for City A compare to the median temperature for City B?
4. Which cities temperatures are more spread out
5. Which cities temperatures are more clumped together?

