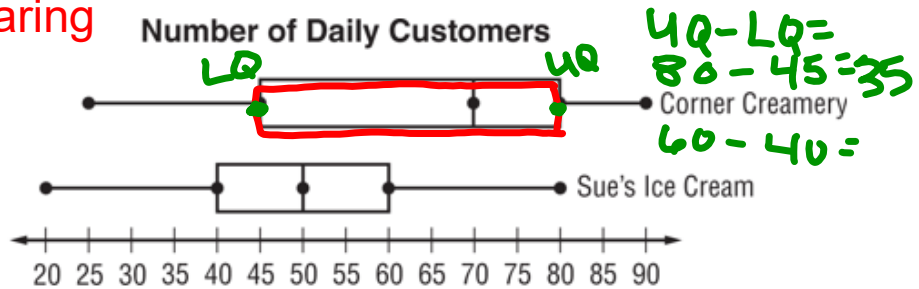


You need out your warm up, HW, agenda

Homework: Comparing
Quiz Friday!



CC Median 70

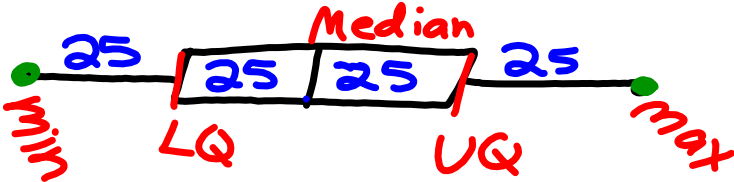
SIC Median 50

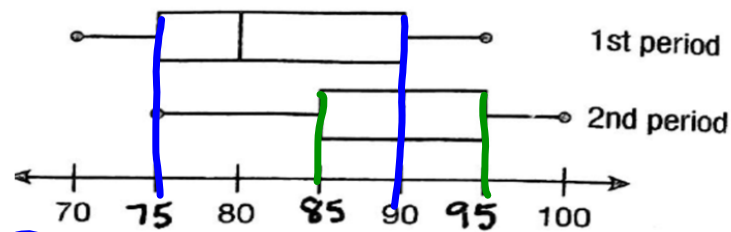
CC IQR 35

SIC IQR 20

Write one sentence about each.

The CC IQR is 35pts and SIC IQR is 20, which represents a 15pt. varies.





1) 1st Period Median 80

2nd Period Median 90

Write a sentence comparing the medians:

2nd p. had a higher median. by 10%.

2) 1st Period IQR 15

2nd Period IQR 10

Write a sentence comparing the variability.

1st P. IQR is higher than 2nd p. by 5%.

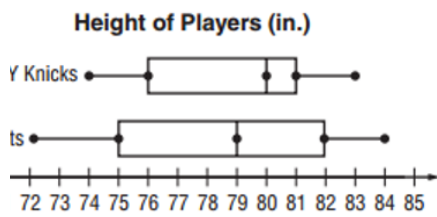
.

sit silently for the news

please
and thank you

Box Plots and Dot Plots Practice

Name: _____

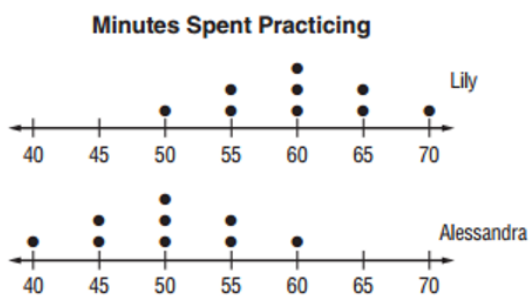


- 1) What percent of the players on the NJ Nets are 79 inches or taller? _____
- 2) What percent of the player on the NY Knicks are 76 inches or shorter? _____

What is the median height for the Knicks? _____

What is the median height for the Nets? _____

Write in a sentence which team has an overall higher median height.

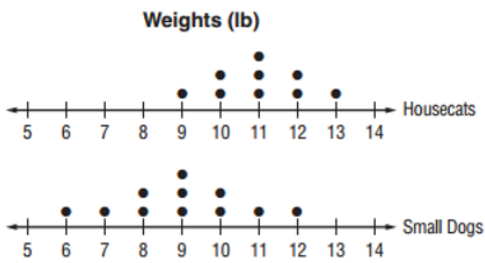


1) Find the mean number of minutes Lily spent practicing the piano. _____

2) Find the mean number of minutes Alessandra spent practicing the piano. _____

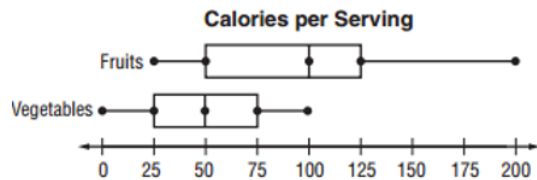
3) How do the mean number of minutes Lily spent practicing compare to the mean number of minutes Alessandra spent practicing?

2. **ANIMALS** The double dot plot shows the weights in pounds of several housecats and small dogs.



- 1) Find the median weight for housecats _____
- 2) Find the median weight for small dogs _____
- 3) Find the range weight for housecats _____
- 4) Find the range weight for small dogs _____
- 5) What is the mode weight for small dogs? _____

4. **NUTRITION** The double box plot shows the number of Calories per serving for various fruits and vegetables.



Find the Fruits Median _____

Find the Veggies Median _____

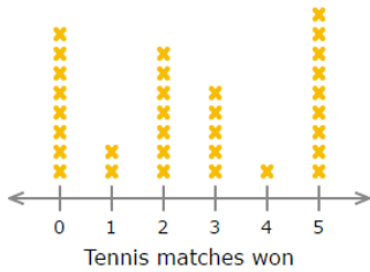
Write a **good** sentence comparing the 2 medians:

Find the Fruits IQR _____

Find the Veggies IQR _____

Write a **good** sentence comparing the variability (consistency)

Tennis matches won last summer



- 1) What is the mean number of tennis matches won? _____
- 2) What is the median number of tennis matches won? _____
- 3) What is the mode number of tennis matches won? _____
- 4) What is the range number of tennis matches won? _____

comparing dot plots box plots

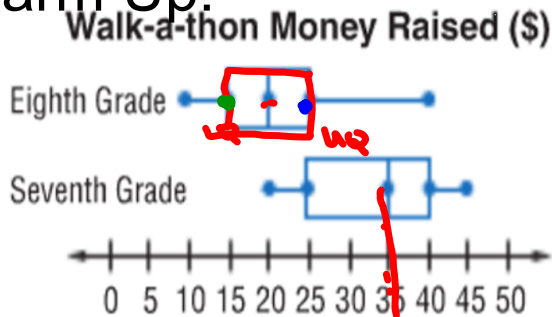
centers	median	median
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variability	Range biggest • - Smallest •	IQR UQ-LQ
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You need out your warm up, HW, & agenda

Homework: **STUDY**

Warm Up:



This box plot shows the amount of money raised in the school's Walk-a-Thon.

Compare the centers & variability

	(median)	(IQR)	UQ	LQ
8	20	10		
7	35	15	40 - 25 =	

The 7th graders raised \$15 more dollars than the 8th graders

mean = Add #s \div by # of #s

median ^① put #s in order
^② cross out until middle
*if left with 2, add the divide by 2

mode = one you see the most

Range = Largest - Smallest

IQR = UQ - LQ

Sit silently for the
news

Today's Options: turned in for a
GRADE

-->Must fill in AIDS/famine notes first

- 1) Split of S. Sudan choice activity
- 2) AIDS RX activity
- 3) Sudan Current Events (NPR)
- 4) AIDS Current Events