

Compare data sets using spread

1 The average of a set of numbers

A	B
Mean	Moderate

2 Subtract the smallest number from the biggest number

A	B
Median	Mean
C	D
Mode	Range

3 Find the range of the numbers (9, 9, 4, 9) using the guide

4 9 9 9

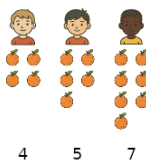
$$9 - 4$$

A	B	C
2	4	0
D	E	F
6	5	1

4 9, 5, 4, 4

A	B
<u>4</u> 4 5 <u>9</u> $9 - 4$	$\frac{9 + 5 + 4 + 4}{4}$
C	D
<u>4</u> <u>4</u> 5 9 <i>two 4s</i>	4 4 5 9 → ←

5 What is the RANGE of the number of oranges among the kids?



4 5 7

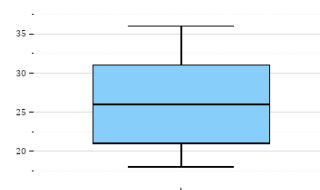
A 5	B 7	C 4
D 8	E 3	F 6

6 What is the interquartile range (IQR) of this data set?

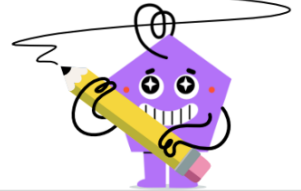
16, 30, 31, 65, 70, 88, 88, 89

A	B
118.5	57.5
C	D
88	73

7 What is the interquartile range (IQR) of this box plot?



A 18	B 31	C 52	D 10
------	------	------	------



Compare data sets using spread

8

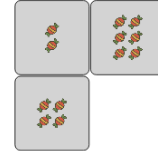
4, 9, 7, 6

4, 9, 7, 6

A 4	B 0	C 1
D 6	E 5	F 10

9

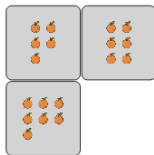
What is the DIFFERENCE between the largest and smallest number of candies in these groups?



A 4	B 8	C 1
D 0	E 6	F 7

10

What is the RANGE of the number of oranges in each group?



A 7	B 2	C 1
D 6	E 3	F 5

11

What is the DIFFERENCE between the largest and smallest number of ice creams the kids have?



A 4	B 11	C 9
D 3	E 6	F 2

12

What is the interquartile range (IQR) of this data set?

13, 14, 22, 30, 32, 38, 46, 67, 74

A 74.5	B 38.5
C 61	D 56.5