

Name:

ANSWERS!

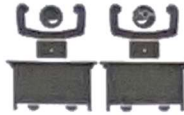
Class:



Communication



Successful Partnership



Encouragement



Solving Problem Together



Collaboration

Topic 1-8 Classwork

Calculators OK



Jaylen Brown

Mean:

26.6

Standard Deviation:

7.4

Median: 27

Q1: 22

Q3: 30

IQR: 8

4,11,12,12,16,16,16,18,19,19,19,21,21,21,22,22,22,24,24,24,25,25,25,25,25,25,26,26,26,26,26,26,27,27,27,27,27,27,28,29,29,29,29,29,30,30,30,30,30,30,31,31,32,32,34,35,35,35,36,36,37,37,39,41,41,43

What score or scores are "outliers" under the 1.5 IQR Rule?

$$1.5 \times 8 = 12$$

$$Q1 - 12 \text{ is } 22 - 12 = 10$$

$$Q3 + 12 \text{ is } 30 + 12 = 42$$

All scores under 10 and over 42 are outliers.

Explain whether the 1.5 IQR Rule should be applied?

"4" & "43" are outliers.

The "4" should be dropped. JB was injured that game and did not play the second half. Keep the "43"--don't punish success! New Mean would be 27.