

Name:

ANSWERS!

Class:



Communication



Successful Partnership



Encouragement



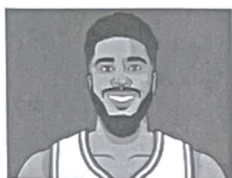
Solving Problem Together



Collaboration

Topic 1-7 Classwork

Calculators OK



Jayson Tatum

Mean: 30.1 MAD: 6.7

Standard Deviation 8.4

12,14,14,15,16,18,18,19,19,19,20,20,20,21,22,22,22,22,23,25,25,26,26,26,26,27,27,28,28,29,29,29,29,30,30,30,30,31,31,31,31,31,31,31,31,32,32,33,34,34,34,34,34,34,34,35,35,35,36,36,37,38,38,39,39,40,40,40,41,41,41,41,43,44,49,51

Using the standard deviation, there is a 68% likelihood that Jayson Tatum will score between what two amounts in his next game?

$$30.1 + 8.4 = 38.5 \approx 39$$

$$30.1 - 8.4 = 21.7 \approx 22$$

There is a 68% likelihood that JT will score between 22 and 39 points in his next game.

Using the standard deviation, there is a 95% likelihood that Jayson Tatum will score between what two amounts in his next game?

$$30.1 + 8.4 + 8.4 = 46.9 \approx 47$$

$$30.1 - 8.4 - 8.4 = 13.3 \approx 13$$

There is a 95% likelihood that JT will score between 13 and 47 points in his next game.



LeBron James

Mean:	28.9	MAD:	6.7
Standard Deviation	8.2		

13,16,17,18,18,19,19,20,20,20,21,21,21,21,23,23,24,25,25,26,26,26,27,27,27,28,28,28,28,29,30,30,31,31,31,31,32,33,33,33,34,35,35,36,37,37,37,38,38,39,41,43,46,47,48

Using the standard deviation, there is a 68% likelihood that LeBron James will score between what two amounts in his next game?

$$28.9 + 8.2 = 37.1 \approx 37$$

$$28.9 - 8.2 = 20.7 \approx 21$$

68% likelihood between 21 and 37.

Using the standard deviation, there is a 95% likelihood that LeBron James will score between what two amounts in his next game?

$$28.9 + 8.2 + 8.2 = 45.3 \approx 45$$

$$28.9 - 8.2 - 8.2 = 12.5 \approx 13$$

95% likelihood between 13 and 45.