

Name _____

Date _____

Mean, Median, Mode, Range in Sports

1. The Oklahoma Sooners football team will play Baylor for the Big XII championship this weekend. For several years, Oklahoma has been known for both its high-powered offense and its sub-par defense. This year, there has been talk that Oklahoma's defense is much improved while the offense continues to excel. Do you agree? Analyze the data below by finding the mean, median, and range of Oklahoma's scoring offense and defense in 2018 and 2019. Attach your work. You **may** use a calculator for the mean.

Oklahoma Offense 2018 (points scored)	Oklahoma Offense 2019 (points scored)	Oklahoma Defense 2018 (points allowed)	Oklahoma Defense 2019 (points allowed)
63	49	14	31
49	70	21	14
37	48	27	14
28	55	21	16
66	45	33	20
45	34	48	27
52	52	27	14
51	41	14	48
51	42	46	41
48	34	47	31
55	28	40	24
59	34	56	16
39	***	27	***
34	***	45	***

2018 Oklahoma Offense (points scored)

Range = _____ Median = _____ Mean = _____

2019 Oklahoma Offense (points scored)

Range = _____ Median = _____ Mean = _____

2018 Oklahoma Defense (points allowed)

Range = _____ Median = _____ Mean = _____

2019 Oklahoma Defense (points allowed)

Range = _____ Median = _____ Mean = _____

*** OU has not finished its season yet

2. The table below lists the height and wingspan (both in inches) of 12 current and former NBA players. Find the range and mean of their heights and wingspans. You **may** use a calculator for the mean.

NBA Player	Height (in.)	Wingspan (in.)
Michael Jordan	78	83
Lebron James	81	84
Wilt Chamberlain	85	92
Shaquille O'Neal	85	91
Russell Westbrook	75	80
Stephen Curry	75	76
James Harden	77	83
Kawhi Leonard	79	87
Kevin Durant	82	89
Giannis Antentokounpo	83	87
Chris Paul	72	78
Anthony Davis	80	90

NBA Player Height (in.)

Range = _____ Mean = _____

NBA Player Wingspan (in.)

Range = _____ Mean = _____