

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, mode, and range of Oklahoma's offense and defense in 2018 and 2019. Attach your work. You **may** use a calculator for the mean.

Oklahoma Offense 2018 (yards gained)	Oklahoma Offense 2019 (yards gained)	Oklahoma Defense 2018 (yards allowed)	Oklahoma Defense 2019 (yards allowed)
650	686	324	408
485	733	383	348
519	611	447	311
355	646	379	314
607	545	493	360
532	511	501	310
536	560	275	242
702	497	245	426
683	499	473	477
702	525	640	307
568	511	524	204
672	450	704	335
508	***	437	***
471	***	528	***

2018 Oklahoma Offense (yards gained)

Range = _____ Mode = _____ Mean = _____

2019 Oklahoma Offense (yards gained)

Range = _____ Mode = _____ Mean = _____

2018 Oklahoma Defense (yards allowed)

Range = _____ Mode = _____ Mean = _____

2019 Oklahoma Defense (yards allowed)

Range = _____ Mode = _____ 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 = _____