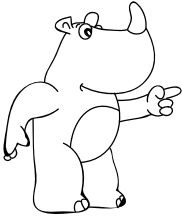


Finding the Average: Mean, Median, and Mode

In statistics, there are three kinds of averages: mean, median, and mode.



- MEAN: The mean of a group of numbers is the average of the numbers.
- MEDIAN: The median of a group of numbers is the number that is exactly in the middle when the numbers are arranged numerically. **Note: For even sets of numbers, take the average of the middle two numbers.**
- MODE: The mode of a group of numbers is the number that appears most often.

Example

Soccer Goals								
5	12	19	11	15	32	18	5	3

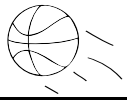
MEAN: Add all the numbers together ($3+5+5+11+12+15+18+19+29=117$) then divide (117) by the number of numbers added together (9), so $117 \div 9 = 13$.

MEDIAN: In this example, the number in the middle is 12.

MODE: In this example, the number that reoccurs the most is 5.

Before you do any computing, you should always write the numbers in numerical order, from smallest to largest:

3 5 5 11 12 15 18 19 32



For each problem below, find the **mean**, **median**, and **mode**.

Basketball Points						
11	15	16	16	21	5	9

1. Mean: _____

Median: _____

Mode: _____



Touchdowns							
10	7	9	15	14	12	11	9

2. Mean: _____

Median: _____

Mode: _____

Golf Scores					
61	68	75	72	68	79

3. Mean: _____

Median: _____

Mode: _____



Wrestling Wins							
5	7	13	24	16	22	13	7

4. Mean: _____

Median: _____

Mode: _____

Boxing Wins						
24	16	23	16	15	35	19



5. Mean: _____

Median: _____

Mode: _____



Volleyball Wins								
7	14	11	12	11	20	8	5	10

6. Mean: _____

Median: _____

Mode: _____