

7.1 - Mean and Mode
NOTES and WORKSHEET

Mean: _____

Formula:

Mode: _____

Example:

Here are the number of saves Cam Talbot made in games this season:

23, 24, 31, 24, 32, 40, 41, and 20

Find the mean and mode



Both mean and mode are measures of **central tendency**. We say the word **average** to describe a measure of central tendency. An average is a number that represents all numbers in a set.

Which measure of central tendency is better? Mean or Mode?

Practice

1. Find the mean for each set of data

a. 3, 4, 4, 5

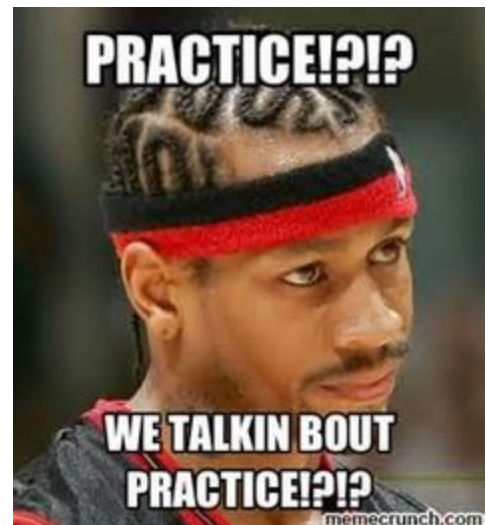
Mean: _____

b. 1, 7, 3, 3, 1

Mean: _____

c. 2, 2, 6, 1, 3, 4

Mean: _____



2. Calculate the mean of each set of data

- a. 2, 4, 7, 4, 8, 9, 12, 4, 7, 3

Mean: _____

- b. 24, 34, 44, 31, 39, 32

Mean: _____

3. Find the mode for each set of data

- a. 3, 4, 4, 5

Mode: _____

- b. 1, 7, 3, 3, 1

Mode: _____

- c. 2, 2, 6, 1, 3, 4

Mode: _____

- d. 2, 4, 7, 4, 8, 9, 12, 4, 7, 3

Mode: _____

- e. 24, 34, 44, 31, 39, 32

Mode: _____

4. Here are the weekly allowances for 10 Grade 7 students:

\$9, \$11, \$13, \$15, \$20, \$10, \$12, \$15, \$10, \$15

a) What is the mean allowance?

b) What is the mode allowance?

c) Suppose two allowances of \$19 and \$25 are added to the list.
What is the new mean? What happens to the mode?

5. Jordin Tootoo is the first Inuk athlete to play in the National Hockey League. On October 9, 2003, he played his first game for the Nashville Predators. This table shows Jordin's statistics when he played junior hockey for the Brandon Wheat Kings.

Jordin Tootoo's Scoring Records 1999-2003				
Year	Games Played	Goals	Assists	Points
1999-2000	45	6	10	16
2000-2001	60	20	28	48
2001-2002	64	32	39	71
2002-2003	51	35	39	74

Find the mean and mode for each set of data

a) Games played

b) Goals

c) Assists

d) Points