

Name: \_\_\_\_\_

## Mean

**Exercise 1:** Given the following data set, find the mean.

12 15 16 19 20 20 22 23 25 27 29 30 32 32 35

**Exercise 2:** The number of baskets scored by each player in a basketball team, in one outstanding game, had been recorded in the following table:

Players Name	Number of Points Scored
Richardson	8
Mecado	17
Pederson	23
Durham	9
Lawson	14
Killip	25
D'Onfrio	6
Maxin	19

What is the average?

**Exercise 3:** Bob is applying to engineering this year, and wants to calculate his average. The following is a summary of his marks, and the weight factor the university uses.

Subject	Mark	frequency
Discreet Math (requirement)	90%	3
Calculus (requirement)	89%	3
Physics (requirement)	88%	2
Data Management (requirement)	85%	3
English (requirement)	70%	4
Philosophy (elective)	94%	1

What is the mean?

**Exercise 4:** The following are heights of 6 individuals in Mr. Marson's third period class.

Name	Height (Inches)
Tina	61
Lucy	62
Karen	66
Bob	65
Jeffery	61
Andrew	81

What is the mean?

**Exercise 5:** There are three seminar groups. There are ten students in seminar group A and their mean course mark is 70. There are 15 in group B and their mean is 60. There are 20 in group C and their mean is 50. What is the mean course mark for all students in the course?

**Exercise 6:** Forty students took a math test marked out of 10 points. Their results were as follows: 9, 10, 7, 8, 9, 6, 5, 9, 4, 7, 1, 7, 2, 7, 8, 5, 4, 3, 10, 7, 3, 7, 8, 6, 9, 7, 4, 2, 3, 9, 4, 3, 7, 5, 5, 2, 7, 9, 7, 1

- Prepare a frequency table of the scores.
- Using the frequency table, calculate the mean.