

Finding mean from tables and tally charts

Q1) In a test of maths out of 20 marks a class of 30 students got these marks: 9, 9, 11, 15, 17, 16, 15, 4, 0, 9, 12, 10, 15, 9, 20, 18, 17, 15, 14, 12, 9, 8, 7, 5, 4, 20, 15, 12, 10, 10.

Marks	Tally marks	Frequency

Find mean, median, mode and range?

Mean: _____

Median: _____

Mode: _____

Range: _____

Q2) These marks are for 36 students in a Year 10 mathematics examination.

31	49	52	79	40	29	66	71	73	19	51	47
81	67	40	52	20	84	65	73	60	54	60	59
25	89	21	91	84	77	18	37	55	41	72	38

a Construct a frequency table, using classes of $0 < x \leq 20$, $20 < x \leq 40$ and so on.

b What was the most common mark interval?

c. Find the mean from the data.

3) In a game of Hextuple, Mitesh used a six-sided dice. He decided to keep a record of his scores to

see whether the dice was fair. His scores were:

2 4 2 6 1 5 4 3 3 2 3 6 2 1 3

5 4 3 4 2 1 6 5 1 6 4 1 2 3 4

a. Draw a frequency table for his data.

b How many throws did Mitesh have during the game?

c. Find the mean from the data.