

# 7 Class Math Tuition Assignment

## Assignment – 3

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Chapter = Data Handling

Submission Date = 08 October 2021

MM = 20

**Q1.** Find the mode of the following data:

24, 26, 23, 26, 22, 25, 26, 28

**Q2.** Find the median of the following data:

8, 6, 10, 12, 14

**Q3.** Find the median of the following data:

20, 14, 6, 25, 18, 13, 19, 10, 9, 12

**Q4.** If the averages of the given data 6, 10, 12, x, 16 is 14, find the value of x.

## **7 Class Math Tuition Assignment**

**Q5.** A bag contains 5 white and 9 red balls. One ball is drawn at random from the bag. Find the probability of getting

(a) a white ball

(b) a red ball

**Q6.** A dice is tossed once. Find the probability of getting

(i) a number 5

(ii) a number greater than 5

(iii) a number less than 5

(iv) an odd number

(v) an even number

(vi) a number greater than 6

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**Q7.** The data given below shows the production of motorbikes in a factory for some months of two consecutive years.

Months	2008	2007
February	2700	2800
May	3200	4500
August	6000	4800
October	5000	4800
December	4200	5200

Study the table given above and the answer the following questions:

- (a) Draw a double bar graph using an appropriate scale to depict the above information and compare them.
- (b) In which year was the total output maximum?
- (c) Find the mean production for the year 2007.
- (d) For which month was the difference between the production for the two years is the maximum?
- (e) In which month for the year 2008, the production was the maximum?
- (f) In which month for the year 2007, the production was the least?