



# B.E.S.T. Group Of Schools, Saudi Arabia

Class:7

Worksheet - 2

Subject: Mathematics.

Examination: Term 1 (2018-2019)

## Decimals.

### Fill in the blanks.

- Mean = -----
- $2.6 \times 100 =$  -----
- $2.85 \div 1000 =$  -----
- The mod of the data given is ----- . 24, 14, 34, 45, 24, 42, 56, 24, 34
- Range of the data given is ----- . 45, 48, 85, 12, 32, 45, 45 , 12

### 1. Solve:

- $3.45 + 23.058$
  - $14.81 - 8.34$
  - $84.57 \times 100$
  - $2.5 \times 5.8$
  - $6 \times 7.123$
  - $3.25 \div 1000$
  - $8.45 \div 5$
  - $48.248 \div 5.4$
- Cost of a packet of biscuit is 35.75 rupees. Find the cost of such 40 packets.
  - The perimeter of a square is 56.88 sq meters. Find the length of each side.
  - Roshan has 148.75 rupees. If he distributes this amount to some of his friends such that each friend will get a share of 37.1875 rupees, then find the number of friends.
  - A box contains a notebook, a pencil and a pen. The cost of a notebook is 25.45 rupees, the cost of a pencil is 10.2 rupees and the cost of a pen is 64.35 rupees. Find the cost of 23 such boxes.

## Measures of Central tendency:

1. Find the mean and median of the following data: 24, 23, 43, 45, 32, 11 and 22.
2. Find the mode and range of the following data: 12, 14, 12, 18, 16, 20, 12, 12, 20 and 16.
  
3. Which of the following represents the mean of the given numbers?  
37, 54, 65 and 32  
  
A. 42            B. 47            C. 50            D. 54
  
4. The following table shows the marks mathematics obtained by students of two different sections of grade VII. Use mean as the measure of central tendency to compare the performances of these sections.

Sections	Section A	Section B
<b>Marks</b>	77	75
	74	82
	75	85
	93	88
	85	92

5. The table given below shows the colour preference of 100 students in a school. What is the mode of the data given?

Colour	Number of students
Yellow	18
Red	25
Pink	22
Blue	20
Orange	15

6. The mean mark of 12 students is 75. After a week one of the students left from the class. Then the new mean is 72. What is the mark of the student he left the school?

7. The mean mark of 6 students is 45. After the marks of two newly joined students are also included to the data, the mean remains same. If the mark of one of the new student is 40, what is the mark of the other new one?