



**WORK SHEET-2**

**GRADE: 7**

**FIRST TERM EXAM, 2019-20**

**SUBJECT: MATHEMATICS**

**Fill in the Blanks**

- 1) The order in which we solve expressions with multiple operations is called \_\_\_\_\_
- 2) Two or more decimal numbers with the same number of decimal places are called \_\_\_\_\_
- 3) The average value of a set of data is \_\_\_\_\_
- 4)  $42.71 \div \text{-----} = 0.04271$
- 5) The reciprocal of 23 = \_\_\_\_\_
- 6)  $0.6242 \times 1000 = \text{_____}$
- 7) The likelihood that an event will happen is called \_\_\_\_\_

**Choose the Correct one**

- 1)  $23.46 \div 6 = \text{_____}$   
a) 4.23 b) 3.71 c) 3.91
- 2) The mean of : -2, -3, 3, 5, 4, -2, 0, -1, 2, and 4 \_\_\_\_\_  
a) 1 b) +3 c) -3
- 3) The sum of  $45.1 + 23.92 = \text{_____}$   
a) 59.02 b) 79.02 c) 69.02
- 4)  $19.2 - 3.8 = \text{_____}$   
a) 14.4 b) 15.4 c) 17.4
- 5) Graph with equal sized rectangular vertical or horizontal bars to show large value is \_\_\_\_\_  
a) Pictograph b) Bargraph c) Tally marks

## Answer the Following

- 1) Find the probability
  - a) Getting head if a coin is tossed
  - b) Getting 2 if every two faces of the die have 1, 2 and 3 respectively.
- 2) Solve the  $5x + 4 = 29$  using the trial and error method.
- 3) If each person is given  $\frac{3}{5}$  of a chapatti from a total of 15 chapattis, how many persons will get servings of chapatti?
- 4) Solve the sum  $72 + 89.1 - 26.23$
- 5) Use long division to divide  $96.33 \div 0.3$
- 6) Simplify :
  - a)  $230.5 \div 1,000$
  - b)  $\frac{3}{8} \div \frac{3}{7}$
  - c)  $\frac{2}{5} (7 \div \frac{3}{9}) - \frac{5}{3}$
- 7) The mean weight of a group of ten students is 35.5 kg. The weight of the heaviest student in the group is 44.5 kg. Calculate the mean weight of the remaining nine students.
- 8) Ryan, Hanley and Marcus are cousins. Hanley's age is 2 years less than twice of Marcus's age. Also, Hanley's age is 4 years more than one-fourth of Ryan's age. Find Ryan's and Marcus's age if Hanley is 10 years old.
- 9) A truck travels 9.2 km for every litre of petrol. How many litres of petrol will be needed to travel 34.96 km?
- 10) Simran ran 10 km yesterday. After  $\frac{2}{5}$  of the run, she stopped for water. After how many km she stop for water?
- 11) Write the multiplicative inverse of the following fractions.
  - a)  $\frac{1}{50}$
  - b)  $\frac{3}{4}$
  - c)  $3 \frac{1}{5}$
- 12) Savita's cat weighs 4.08 kg. Savita's weight is 11.1 times that of her cat. Savita's father's weight is double her weight. How much does Savita's father weigh?
- 13) Ayaan drinks 2.73 litres of water and 0.32 litres of juice every day. What is the total amount of water and juice he drinks in a week?
- 14) The number of goals scored by a football team in different matches are as follows : 1,2,3,2,1,3,5,6,2,4,7,4,4,5,7,8,1,3,4,5,6.  
Find the mean, range, mode, and median.

15) Following data gives total marks (out of 500) obtained by 6 children  
Of a particular class. Represent the data on a bar graph

|                   |     |       |      |       |         |      |
|-------------------|-----|-------|------|-------|---------|------|
| Students          | Ana | Seema | Dain | Alwen | Gremlin | Hari |
| Marks<br>obtained | 270 | 400   | 250  | 380   | 300     | 440  |

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