 **AL KHOZAMA INTERNATIONAL SCHOOL,DAMMAM**

 Affiliated to CBSE – New Delhi, No:5730019

 **WORK SHEET-1**

 **GRADE: 7**

**FIRST TERM EXAM, 2019-20**

SUBJECT: MATHEMATICS

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 **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 ÷ ------ = 0.04271
5. The reciprocal of 23 = \_\_\_\_\_\_\_\_
6. 0.6242x1000 = \_\_\_\_\_\_\_\_\_\_\_\_
7. The likelihood that an event will happen is called \_\_\_\_\_\_

 **Choose the Correct one**

1. 23.46÷ 6 = \_\_\_\_\_
2. 4.23 b) 3.71 c) 3.91
3. The mean of : -2, -3, 3, 5, 4, -2, 0, -1, 2, and 4 \_\_\_\_\_\_
4. 1 b) + 3 c) -3
5. The sum of 45.1 + 23.92 = \_\_\_\_\_\_\_\_\_\_
6. 59.02 b)$ 79.02$ c) 69.02
7. 19.2 - 3.8 = \_\_\_\_\_\_\_\_\_
8. 14.4 b) 15.4 c) 17.4
9. Graph with equal sized rectangular vertical or horizontal bars to show large value is \_\_\_\_\_\_
10. Pictograph b) Bargraph c) Tally marks

**Answer the Following**

1. Find the probability
2. Getting head if a coin is tossed b) Getting 2 if every two faces of the die have 1, 2 and 3 respectively.
3. Solve the 5x + 4 = 29 using the trial and error method.
4. If each person is given 3/5 of a chapatti from a total of 15 chapattis, how many person will get servings of chapatti?
5. Solve the sum 72 + 89.1 – 26.23
6. Use long division to divide 96.33 ÷ 0.3
7. Simplify :
8. 230.5 ÷ 1,000
9. 3/8 ÷ 3/7
10. 2/5 (7 ÷ 3/9 ) – 5/3
11. 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.

1. A truck travels 9.2 km for every litre of petrol. How many litres of petrol will be needed to travel 34.96 km?
2. Simran ran 10 km yesterday. After 2/5 of the run, she stopped for water. After how many km she stop for water?
3. Write the multiplicative inverse of the following fractions.
4. $\frac{1}{50}$ b) $\frac{3}{4}$ c) 3 $\frac{1}{5}$
5. 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?
6. 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?
7. 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.

1. 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 obtained | 270 | 400 | 250 | 380 | 300 | 440 |

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