

# Dr. M.K.K. Arya Model School, Panipat

## Maths Assignment class – V Chapter- 2 The Four Fundamental Operations

1. Find the product of: (a)  $18 \times 200$  (b)  $318 \times 500$
2. Multiply using lattice multiplication:  $215 \times 125$
3. Divide  $12786 \div 1000$
4. Divide and check the answer: (a)  $8497287 \div 12$  (b)  $679864 \div 17$ .
5. The population of a town is 28,76,543 . Out of these 15,42,678 are males. How many females are there in the town ?
6. What is the difference between the greatest 7- digit number and the greatest 8- digit number?
7. How many minutes are there in a day?
8. find the number 5500 more than 839260.
- 9 The weight of 12 sugar bags is 267 kg. What is the weight of each bag ?
10. The population of a town is 28,76,543 . Out of these 15,42,678 are males. How many females are there in the town ?
11. Subtract and check the answers:  
(a)  $4,72,345 - 3,58,764$  (b)  $3,29,68,098 - 1,98,97,949$
12. Fill in the blank:  
(a) \_\_\_\_\_  $\times 70 = 6300$   
(b)  $56789 \div 100 =$  \_\_\_\_\_

Maths Assignment class – V Chapter- 3 Factors and Multiples

1. Write the next four multiples of 25:

25, 50, 75, 100, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_

2. Find prime factorization of 72 by factor tree method.

3. Find prime factorization of 120 by division method.

4. The product of HCF and LCM of two numbers is 1280. If one number is 32, find the other number.

5. The product of two numbers is 750 and the HCF is 5. Find the LCM.

6. Find HCF of 16 and 24 by Prime factorisation

7. Find HCF of 144 and 216 by division method.

8. Check the divisibility by 2, 3, 5, 9, 10 and 11 of 33, 045.

9. Find the largest number that divides 96 and 108 without a remainder.

10. Find the fifth multiple of 14.

11. Two containers have 16L and 24L of oil respectively. What is the largest measuring can that can exactly measure oil from both the containers?

12. What is the smallest number that is divisible by 20, 48 and 72?

13. Find the greatest number that can divide 510 and 425 exactly.

Maths Assignment class – V Chapter- 4 Fractions

1. Which is greater:  $\frac{6}{15}$  or  $\frac{6}{11}$

2. Which is smaller:  $\frac{6}{15}$  or  $\frac{6}{11}$

3. Solve and write in simplest form:

a.  $\frac{9}{14} - \frac{3}{14} + \frac{5}{14}$

4. Solve and write in simplest form:

a.  $\frac{7}{10} + \frac{5}{10}$

b.  $\frac{9}{14} - \frac{2}{14}$

5. Multiply : a.)  $7\frac{1}{2} \times 4$                       b.)  $2\frac{2}{3} \times 1\frac{1}{6}$

6. Find a fraction equivalent to a given fraction: (a)  $\frac{3}{5}$                       (b)  $\frac{2}{9}$

7. Write in ascending order:  $\frac{1}{3}, \frac{2}{9}, \frac{1}{5}$

8. Find the reciprocal of the following numbers:

(a) 9

(b)  $\frac{11}{12}$

9. Divide:

(a)  $10 \div \frac{2}{5}$

(b)  $\frac{11}{12} \div \frac{3}{6}$

(c)  $4\frac{4}{5} \div 2\frac{1}{6}$

10. Princy bought  $6\frac{1}{2}$  kg mangoes. If the cost of 1 kg of mangoes is Rs.  $12\frac{1}{2}$ , find the total cost of mangoes.

11. A tailor needs  $1\frac{1}{4}$  m of cloth to make 1 shirt. How much cloth does he need to make 12 shirts?

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Maths Assignment class – V Chapter- 5 Decimals

1. Convert the decimal into fraction: a.) 2.25      b) 7.004

2. Write in words:

(a) 651.001              (b) 0.04              (c) 7.69

3. Convert the fraction into decimals:

(a)  $\frac{32}{100}$                       (b)  $7\frac{5}{100}$

4. Add : (a) 4.4 + 3.218              (b) 2.5km + 8km + 7.459km      (c) 9.04 + 3.218

5. Write the place value of all the digits of 718.701 in 3 different ways.

6. A drum holds 45.8 L of water. If 18.25 L of water is used up, how much water is left in the drum ?

7. Convert the decimal into fraction: a.) 0.25      b) 10.2

8. Write the place value of all the digits of 718.701 in 3 different ways.

9. Give the place value of underlined digit:

(a) 205.637                      (b) 38.1

10. Arrange in ascending order:

11.1, 11.21, 11.001

11. Find the product (a) 236.7 x 8                      (b) 0.59 x 0.4

12. Divide the following:

(a) 28.05 ÷ 3                      (b) 72.8 ÷ 1000

Maths Assignment class – V Chapter-6Percentage

- Convert  $\frac{19}{25}$  into percent.
- Convert 15 % into decimal
- Convert 15 % in the lowest term.
- Find 25 % of 12
- How much percent is each of the following:
  - 100m of 2 km
  - 15 of 120
- Find the following
  - 25% of 16
  - 15% of 2kg
- Convert the mixed number into percent:
  - $2\frac{1}{5}$
  - $3\frac{3}{4}$
- Mr. Anand has filled 12 L of petrol in his car. If 25 % of the petrol is consumed, how much petrol still remains ?
- Simmi read pages of a book of 500 pages. What percent of the book has she read ?
- Dr Sen has to pay a tax of Rs 5000.If he has been able to pay only Rs 250, what percent of the total tax has he paid?