



SHREE VASISHTHA VIDHYALAYA

Maths Worksheet 2024-25



Name : - _____

Std.:- V - _____

Roll No. :- _____ Worksheet No. PA1-01

Date : - _____

Ch. - 3 : Operations on large numbers (From Ex-3B) , Ch.- 4 : Factors and Multiples

Q-1) Choose the correct option.

- The result of multiplication is called product.
a) sum ☒ b) product c) difference
- Dividing a number by itself is equal to 1.
a) 0 b) 2 ☒ c) 1
- 284 is not divisible by 3.
☒ a) 3 b) 4 c) 2
- In division remaining number in the end is called remainder.
a) dividend b) quotient ☒ c) remainder
- Which number is a multiple of 16 112.
☒ a) 112 b) 145 c) 95

Q-2) Fill in the blanks.

- The result of division is called quotient.
- The Smallest multiple of a number is number itself.
- The number which divides is called the divisor.
- Any whole number which has more than two factors is called a composite number.
- Zero is a multiple of every number.

Q-3) True or False :

- The number 1 is neither prime nor composite .
- Every number has at least two factors .
- $3907 \div 1 = 3907$.
- 7 , 41 , 11 , 5 are prime numbers .

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Q-4) Do as directed.

1. Find out the product :

a) $25739 \times 1000 = \underline{2,57,39,000}$

b) $607045 \times 700 = \underline{42,49,31,500}$

2. Divide 4800 by 60 . 80

$$\begin{array}{r} 80 \\ 60 \overline{) 4800} \\ \underline{-480} \\ 00 \end{array}$$

3. Divide : a) $458061 \div 29$

$$\begin{array}{r} 15795 - Q \\ 29 \overline{) 458061} \\ \underline{-29} \downarrow \\ 168 \\ \underline{-145} \downarrow \\ 230 \\ \underline{-203} \downarrow \\ 276 \\ \underline{-261} \downarrow \\ 151 \\ \underline{-145} \\ 6 - R \end{array}$$

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4. Estimate the sum of 4,27,602 and 2,30,543.

6,00,000

5. Estimate the differences of 6,34,107 and 3,12,408

3,00,000

6. Write first five multiples of the given numbers -

a) 14 : 14, 28, 42, 56, 70

b) 17 : 17, 34, 51, 68, 85

7. Write the factors of 72.

1, 2, 3, 4, 6, 8, 9, 12, 18, 24, 36, 72

8. Find the LCM of 18, 36 and 24 by division method.

$$\begin{aligned} \text{L.C.M} &= 2 \times 3 \times 3 \times 2 \times 2 \\ &= \underline{\underline{72}} \end{aligned}$$

Q-5) Story sums :-

1. The Cost of a radio set is 1475. What is the cost of 35 such radio sets?

Cost of 1 radio = 1475

Cost of 35 radio = 1475×35

$\therefore$ Cost of 35 radio sets is ₹ 51625.

$$\begin{array}{r} 4) 400000 \\ + 200000 \\ \hline 600000 \end{array}$$

$$\begin{array}{r} 5) 600000 \\ - 300000 \\ \hline 300000 \end{array}$$

$$\begin{array}{r} 2) 18, 36, 24 \\ 3) 9, 18, 12 \\ 3) 3, 6, 4 \\ 2) 1, 2, 4 \\ 2) 1, 1, 2 \\ \hline 1, 1, 1 \end{array}$$

2. 697 boxes of mangoes can be loaded in a wagon. How many wagons are required to load 212585 boxes?

Number of wagons to load 697 boxes = 1

Number of wagons required to load 212585
 $= 212585 \div 697$
 $= \underline{\underline{305}} \text{ wagons}$

$$\begin{array}{r} 697) 212585 \\ - 2091 \downarrow \downarrow \\ \hline 3485 \\ - 3485 \\ \hline 0 \end{array}$$

3. Find the greatest number that divides 204 and 64 without a remainder.

H.C.F of 204 and 64

$$\text{H.C.F} = \underline{\underline{4}}$$

$$\begin{array}{r} 64) 204(3 \\ - 192 \\ \hline 12) 64(5 \\ - 60 \\ \hline 4) 12(3 \\ - 12 \\ \hline 0 \end{array}$$

4. Four bells ring at intervals of 4, 6, 8 and 12 seconds respectively. At what interval will they all ring together?

LCM of 4, 6, 8 and 12

$$\text{LCM} = \underline{\underline{24}}$$

$$\begin{array}{r} 2) 4, 6, 8, 12 \\ 2) 2, 3, 4, 6 \\ 3) 1, 3, 2, 3 \\ \hline 1, 1, 2, 1 \\ \hline \text{LCM} = 2 \times 2 \times 3 \times 2 \\ = 24 \end{array}$$