



SHREE VASISHTHA VIDHYALAYA

Maths Worksheet 2025-26



Name : - _____

Std.: - IV - _____

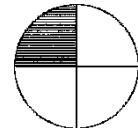
Roll No. : - _____

Worksheet – TA-1-01

Date : - _____

L-5 Factors and multiples, L-6 Fractions (Ex- 6A to 6C)

Q. 1) Choose the correct option.

- 1) What are the factors of 18 ?
a) 1,2,3,6,9,18 b) 1,2,9,18 c) 1,3,6,9,18
- 2) Which of the following is a multiple of 7 ?
a) 47 b) 48 c) 49
- 3) The smallest non-zero multiple of any number is _____
a) 0 b) 1 c) number itself
- 4) The number that have only two factors 1 and the number itself are called _____
a) Composite number b) Prime number c) Even number
- 5) Which fraction represents the unshaded part of the given figure?

a) $\frac{3}{4}$ b) $\frac{2}{4}$ c) $\frac{1}{4}$
- 6) Which of the following fraction is equivalent to $\frac{7}{3}$?
a) $\frac{1}{7}$ b) $\frac{14}{6}$ c) $\frac{21}{6}$
- 7) Which of these a proper fraction?
a) $\frac{7}{2}$ b) $\frac{3}{8}$ c) $\frac{9}{4}$
- 8) Which is the mixed number (fraction) for $\frac{9}{5}$?
a) $1\frac{2}{5}$ b) $1\frac{3}{5}$ c) $1\frac{4}{5}$

Q. 2) Fill in the blanks.

- 1) _____ is a factor of every number.
- 2) If $5 \times 7 = 35$, then 5 and 7 are _____ of 35.
- 3) A number that has more than two factors are called a _____.
- 4) The multiple of 5 always end in _____ or _____.
- 5) A number can have an infinite number of _____.
- 6) Every number is a _____ of itself.
- 7) In the fraction $\frac{3}{5}$, the numerator is _____ and the denominator is _____.
- 8) Fraction with the same denominators is called _____ fraction.
- 9) A fraction is a part of a _____.
- 10) If a pizza is cut into 8 equal slices, and you eat 3 of them, the fraction of the pizza you ate is _____.

Q. 3) Match the following.**(A)**

- 1) Factor of 10
- 2) All factors of 8
- 3) Multiple of 3
- 4) First four multiples of 4
- 5) 
- 6) Mixed fraction
- 7) Improper fraction
- 8) 

(B)

- a) 1,2,4,8
- b) 9
- c) 4,8,12,16
- d) 5
- e) $\frac{13}{2}$
- f) $\frac{3}{4}$
- g) $\frac{1}{3}$
- h) $2\frac{5}{7}$

Ans:-

- 1- _____
- 2- _____
- 3- _____
- 4- _____
- 5- _____
- 6- _____
- 7- _____
- 8- _____

Q. 4) True and false.

- 1) A factor of a number is always greater than the number itself. _____
- 2) $\frac{3}{4}$ is an improper fraction. _____
- 3) All prime numbers are odd numbers. _____
- 4) 5 is a factor of 23. _____
- 5) $\frac{2}{3}$ and $\frac{3}{4}$ are unlike fractions. _____
- 6) Every number is a multiple of itself. _____
- 7) The denominator tell us the total numbers of equal parts in a whole. _____
- 8) A mixed fraction has a whole number and a proper fraction part. _____

Q. 5) Write three multiple of:

- 1) 9 just after 45 _____, _____, _____
- 2) 12 just before 60 _____, _____, _____
- 3) 15 between 38 and 80 _____, _____, _____

Q. 6) To Check:

1) Is 7 a factor of 72901?

2) Is 93 a factor of 98766?

Q. 7) Write the prime factorisation of the given numbers by making factor tree.

1) 96	2) 108	3) 170	4) 135
-------	--------	--------	--------

Q. 8) Write the prime factorisation of the given numbers by division method

1) 48	2) 64	3) 120	4) 78	5) 56
-------	-------	--------	-------	-------

Q. 9) Write the fraction of the following figures.



Q. 10) Write in numeral form.

- 1) Three- quarters _____
- 2) Two -third _____
- 3) Three- tenth _____
- 4) Six -hundredths _____
- 5) Seventeen- twentieths _____

Q. 11) Convert each of the following fraction into a mixed fraction.

1) $\frac{7}{2}$	2) $\frac{87}{5}$	3) $\frac{1998}{11}$	4) $\frac{84}{59}$
------------------	-------------------	----------------------	--------------------

Q. 12) Convert each of the following mixed numerals into an improper fraction.

1) $1\frac{2}{3}$	2) $7\frac{8}{9}$	3) $70\frac{8}{9}$	4) $203\frac{1}{25}$
-------------------	-------------------	--------------------	----------------------

Q. 13) Write the next six fraction equivalent to:

1) $\frac{11}{2}$

2) $\frac{9}{12}$

3) $\frac{5}{8}$