



SHREE VASISHTHA VIDHYALAYA.

Maths Worksheet 2026-27

Name :- _____

Std :- IV - _____

Roll No. :- _____

Worksheet No : TA-01

Date :- _____

[L-5 Factors and multiples, L-6 Fractions]

Q-1 Choose the Correct Option.

1. Which fraction represents 3 out of 7 equal parts?

a) $\frac{7}{3}$

b) $\frac{3}{7}$

c) $\frac{4}{7}$

2. Which fraction is equivalent to $\frac{1}{2}$?

a) $\frac{2}{3}$

b) $\frac{3}{6}$

c) $\frac{2}{5}$

3. Which of the following is a factor of 36?

a) 5

b) 7

c) 9

4. Which number is a multiple of 8?

a) 18

b) 24

c) 30

5. Which statement is correct?

a) Every number has 0 as a factor.

b) 1 is a factor of every number.

c) Every number has only one factor.

6. $\frac{9}{19}$ _____ $\frac{9}{23}$

a) =

b) <

c) >

7. What is $\frac{1}{4}$ of one hour (in minutes)?

a) 15

b) 60

c) 30

8. Which of following is a prime number between 90 and 100?

a) 91

b) 93

c) 97

Q-2 Fill in the blanks.

1. _____ is the smallest factor of any non-zero number.

2. Every factor of a non – zero number is less than or _____ to the number.

3. A number is divisible by _____, if the digit at its ones place is 0.

4. A number that has more than two factors is called a _____ number.

5. A fraction with numerator 1 is called a _____ fraction.

6. First four prime numbers are _____, _____, _____ and _____.

Q-3 True or False.

1. 24 is a multiple of 6. _____

2. 7 is a factor of 42. _____

3. $\frac{5}{8}$ is greater than $\frac{7}{8}$. _____

4. $\frac{2}{4}$ and $\frac{1}{2}$ are equivalent fractions. _____

5. Smallest composite number is 2. _____

7. Convert improper fractions into mixed fractions.

a) $\frac{12}{7}$	b) $\frac{41}{8}$
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8. Express the following mixed fractions as improper fractions.

a) $5\frac{4}{7}$	b) $4\frac{2}{9}$
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9. Write three fractions equivalent to each of the following.

a) $\frac{1}{3}$	b) $\frac{4}{7}$
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10. Arrange the like fractions in descending order.

a) $\frac{6}{7}$ $\frac{4}{7}$ $\frac{3}{7}$ $\frac{1}{7}$ $\frac{2}{7}$	b) $\frac{1}{10}$ $\frac{4}{10}$ $\frac{25}{10}$ $\frac{13}{10}$ $\frac{8}{10}$

11. Arrange unlike fractions with the same numerator in ascending order.

a) $\frac{2}{13}$ $\frac{2}{3}$ $\frac{2}{9}$ $\frac{2}{17}$	b) $\frac{5}{11}$ $\frac{5}{13}$ $\frac{5}{7}$ $\frac{5}{19}$

12. Reduce the fractions to their simplest forms.

a) $\frac{15}{40}$	b) $\frac{32}{72}$

13. Add and write your answer in simplest form.

a) $\frac{11}{18}$ and $\frac{5}{18}$	b) $\frac{3}{15}$ $\frac{6}{15}$ and $\frac{4}{15}$

14. Subtract and write your answer in simplest form.

a) $\frac{17}{23}$ from $\frac{21}{23}$	b) $\frac{2}{11}$ from $\frac{9}{11}$

Q-5 Story sums.

1. Sonu got $\frac{38}{50}$ in English and $\frac{47}{50}$ in Maths. Find the difference between the marks in the two subjects.

2. Anaya walked $\frac{5}{12}$ km in the morning and $\frac{6}{12}$ km in the evening. How far did she walk altogether?

Q-6 Draw as per the given instructions.

1. Represent $\frac{5}{8}$ on the number line.

2. Represent the following fraction by drawing suitable shapes and shading the required part.

a) $\frac{5}{8}$	b) $\frac{4}{7}$
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Q-7 Case study.

1. A pizza is divided into 8 equal pieces. Aarav eats 3 pieces and his sister eats 2 pieces.
- a) What fraction of the pizza did Aarav eat? _____
- a) What fraction of the pizza was eaten altogether? _____
- c) What fraction is left? _____
2. There are 30 students in a class. The teacher wants to make equal groups.
- a) Write any four factors of 30. _____, _____, _____, _____,
- b) Can the teacher make groups of 5 students each? _____ (Yes / No)
- c) How many groups will be formed? _____