



SHREE VASISHTHA VIDHYALAYA

Maths 2026-27

Name: -

Std.: - IV -

Roll No.: -

Revision Worksheet TA-1

Date: -

Q-1 Choose the Correct Option.

- Which fraction represents 5 out of 8 equal parts?
a) $\frac{8}{5}$ b) $\frac{5}{8}$ c) $\frac{3}{8}$
- Which of the following is equivalent to $\frac{2}{3}$?
a) $\frac{4}{6}$ b) $\frac{3}{5}$ c) $\frac{2}{6}$
- Which of the following is a factor of 48?
a) 5 b) 6 c) 7
- Which number is a multiple of 9?
a) 27 b) 32 c) 41
- Which is the correct prime factorisation of 24?
a) 2×12 b) $2 \times 2 \times 2 \times 3$ c) 4×6
- What is 36×7 ?
a) 242 b) 252 c) 262
- Which multiplication statement is correct?
a) $25 \times 4 = 100$ b) $25 \times 4 = 90$ c) $25 \times 4 = 110$
- A shape having 3 sides and 3 vertices is called a:
a) Square b) Triangle c) Rectangle
- The distance from the centre of a circle to its boundary is called:
a) Diameter b) Radius c) Chord
- A solid shape with 6 rectangular faces is a:
a) Cone b) Cuboid c) Pyramid

Q-2 Fill in the Blanks.

- A fraction with numerator smaller than its denominator is called a proper fraction.
- The smallest factor of every non-zero number is 1.
- The first multiple of every number is the number itself.
- A number having exactly two factors is called a prime number.
- $46 \times 10 =$ 460.
- $125 \times 8 =$ 1000.
- A line segment has 2 endpoints.
- A circle has a fixed point called its centre.
- The longest chord of a circle is the Diameter.
- A cube has 6 faces, 12 edges and 8 vertices.

Q-3 Write True or False.

- | | | | |
|--|-----|--|-----|
| 1. 36 is a multiple of 6. | (T) | 5. 1 is a prime number. | (F) |
| 2. 7 is a factor of 35. | (T) | 6. $24 \times 5 = 120$ | (T) |
| 3. $\frac{3}{5}$ is greater than $\frac{4}{5}$. | (F) | 7. A number multiplied by 0 gives 0. | (T) |
| 4. $\frac{2}{6}$ and $\frac{1}{3}$ are equivalent fractions. | (T) | 8. The diameter of a circle is twice its radius. | (T) |
| | | 9. A cuboid has 8 vertices. | (T) |
| | | 10. A pyramid can have triangular faces. | (T) |

Q-4 Story Sums.

- A school bought 24 boxes of pencils. Each box contains 36 pencils. How many pencils are there altogether?
 $24 \times 36 = 864$ pencils
- Riya ate $\frac{3}{8}$ of a chocolate and her brother ate $\frac{2}{8}$ of the same chocolate. What fraction of the chocolate did they eat altogether?
 $\frac{3+2}{8} = \frac{5}{8}$
- A farmer earns ₹ 505 every day. How much will he earn if he works for 324 days in a year?
 $₹ 505 \times 324 = ₹ 1,63,620$



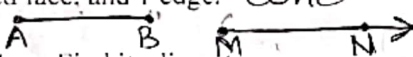
Q-5 Do as Directed.

- Find all the factors.
a) 24 1, 2, 3, 4, 6, 8, 12, 24 b) 45 1, 3, 5, 9, 15, 45 c) 60 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60
- Find the common factors of:
a) 18 and 30 $\rightarrow$ 1, 2, 3, 6 b) 20 and 40 $\rightarrow$ 1, 2, 4, 5, 10, 20
- Write the first five multiples of:
a) 8 $\rightarrow$ 8, 16, 24, 32, 40 b) 14 $\rightarrow$ 14, 28, 42, 56, 70
- Write the 4th, 6th and 8th multiples of 12 48, 72, 96
- Convert the following improper fractions into mixed fractions:
a) $\frac{7}{3} = 2\frac{1}{3}$ b) $\frac{11}{4} = 2\frac{3}{4}$
- Convert the following mixed fractions into improper fractions:
a) $2\frac{1}{5} = \frac{11}{5}$ b) $3\frac{2}{7} = \frac{23}{7}$
- Write two equivalent fractions for each:
a) $\frac{1}{4} = \frac{2}{8} = \frac{3}{12}$ b) $\frac{3}{5} = \frac{6}{10} = \frac{9}{15}$
- Arrange in ascending order:
a) $\frac{2}{7}, \frac{5}{7}, \frac{3}{7}, \frac{6}{7} \rightarrow \frac{2}{7}, \frac{3}{7}, \frac{5}{7}, \frac{6}{7}$ b) $\frac{1}{8}, \frac{1}{5}, \frac{1}{2}, \frac{1}{9} \rightarrow \frac{1}{9}, \frac{1}{8}, \frac{1}{5}, \frac{1}{2}$
- Add:
a) $\frac{6}{8} + \frac{7}{8} = \frac{13}{8} = 1\frac{5}{8}$ b) $\frac{11}{6} + \frac{13}{6} = \frac{24}{6} = 4$
- Subtract:
a) $\frac{21}{23} - \frac{14}{23} = \frac{7}{23}$ b) $\frac{29}{37} - \frac{19}{37} = \frac{10}{37}$
- Multiply:
a) $246 \times 37 = 9,102$ b) $125 \times 60 = 7,500$ c) $324 \times 124 = 40,176$ d) $205 \times 15 = 3,075$
- Fill in the missing numbers:
a) $25 \times 4 = 100$ b) $9 \times 8 = 72$ c) $15 \times 10 = 150$
- Estimate the product:
a) $268 \times 32 \rightarrow 300 \times 30 = 9,000$ b) $405 \times 172 \rightarrow 400 \times 200 = 80,000$

Q-6 Think and answer.

- I am a number between 20 and 30. I am a multiple of 4 and also an even number. Who am I? 24, 28
- Meera says, " $\frac{3}{6}$ and $\frac{1}{2}$ are different fractions." Yes/ No? NO
- A number has factors 1, 2, 4 and 8 only. What is the number? 8
- A square and a rectangle both have 4 sides. How are they different?
- A circular clock has a radius of 10 cm. What is its diameter? $D = 2 \times \text{Radius} = 2 \times 10 = 20 \text{ cm}$
- A shape with 4 equal sides: Square
- A shape with 5 sides: Pentagon

Q-7 Draw.

- a) Add on the number line. $\frac{2}{7} + \frac{4}{7}$ b) Subtract on the number line. $\frac{7}{9} - \frac{5}{9}$
- I have 1 flat face, 1 curved face, and 1 edge. Cone
- A line segment and a ray. 
- A circle whose radius is 4 cm. Find its diameter. $2 \times 4 = 8 \text{ cm}$

Q-8 Case study.

- A ribbon is 10 cm long. Priya uses 4 cm of the ribbon for a craft project and her brother uses 3 cm.
a) What fraction of the ribbon did Priya use? $\frac{4}{10} = \frac{2}{5}$
b) What fraction of the ribbon was used altogether? $\frac{4}{10} + \frac{3}{10} = \frac{7}{10}$
c) What fraction of the ribbon is left? $\frac{10}{10} - \frac{7}{10} = \frac{3}{10}$
- A shopkeeper has 24 apples and wants to pack them into equal boxes without any apples left over.
a) Write any four factors of 24 1, 2, 3, 4
b) Can the shopkeeper pack 6 apples in each box? (Yes/No) Yes
c) How many boxes will be formed? $24 \div 6 = 4 \text{ boxes}$
- A chocolate bar is divided into 12 equal slabs. Meera eats 4 slabs and her friend eats 5 slabs.
a) What fraction of the chocolate bar did Meera eat? $\frac{4}{12} = \frac{1}{3}$
b) What fraction of the chocolate bar was eaten altogether? $\frac{4}{12} + \frac{5}{12} = \frac{9}{12} = \frac{3}{4}$
c) What fraction of the chocolate bar is left? $\frac{12-9}{12} = \frac{3}{12} = \frac{1}{4}$