

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.

1. A fraction with numerator smaller than its denominator is called a _____ fraction.
2. The smallest factor of every non-zero number is _____.
3. The first multiple of every number is _____.
4. A number having exactly two factors is called a _____ number.
5. $46 \times 10 =$ _____.
6. $125 \times 8 =$ _____.
7. A line segment has _____ endpoints.
8. A circle has a fixed point called its _____.
9. The longest chord of a circle is the _____.
10. A cube has _____ faces, _____ edges and _____ vertices.

Q-3 Write True or False.

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

Q-4 Story Sums.

1. A school bought 24 boxes of pencils. Each box contains 36 pencils. How many pencils are there altogether?
2. 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?
3. A farmer earns ₹ 505 every day. How much will he earn if he works for 324 days in a year?

Q-5 Do as Directed.

- Find all the factors.
a) 24
b) 45
c) 60
- Find the common factors of:
a) 18 and 30
b) 20 and 40
- Write the first five multiples of:
a) 8
b) 14
- Write the 4th, 6th and 8th multiples of 12 _____
- Convert the following improper fractions into mixed fractions:
a) $\frac{7}{3} = \underline{\hspace{2cm}}$
b) $\frac{11}{4} = \underline{\hspace{2cm}}$
- Convert the following mixed fractions into improper fractions:
a) $2\frac{1}{5} = \underline{\hspace{2cm}}$
b) $3\frac{2}{7} = \underline{\hspace{2cm}}$
- Write two equivalent fractions for each:
a) $\frac{1}{4} = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$
b) $\frac{3}{5} = \underline{\hspace{2cm}}, \underline{\hspace{2cm}}$
- Arrange in ascending order:
a) $\frac{2}{7}, \frac{5}{7}, \frac{3}{7}, \frac{6}{7}$
b) $\frac{1}{8}, \frac{1}{5}, \frac{1}{2}, \frac{1}{9}$
- Add:
a) $\frac{6}{8} + \frac{7}{8} = \underline{\hspace{2cm}}$
b) $\frac{11}{6} + \frac{13}{6} = \underline{\hspace{2cm}}$
- Subtract:
a) $\frac{21}{23} - \frac{14}{23} = \underline{\hspace{2cm}}$
b) $\frac{29}{37} - \frac{19}{37} = \underline{\hspace{2cm}}$
- Multiply:
a) $246 \times 37 = \underline{\hspace{2cm}}$
b) $125 \times 60 = \underline{\hspace{2cm}}$
c) $324 \times 124 = \underline{\hspace{2cm}}$
d) $205 \times 15 = \underline{\hspace{2cm}}$
- Fill in the missing numbers:
a) $25 \times \underline{\hspace{1cm}} = 100$
b) $\underline{\hspace{1cm}} \times 8 = 72$
c) $15 \times \underline{\hspace{1cm}} = 150$
- Estimate the product.
a) $268 \times 32.$
b) 405×172

Q-6 Think and answer.

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

Q-7 Draw.

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

Q-8 Case study.

1. 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?
 - b) What fraction of the ribbon was used altogether?
 - c) What fraction of the ribbon is left?
2. 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.
 - b) Can the shopkeeper pack 6 apples in each box? (Yes / No)
 - c) How many boxes will be formed?
3. 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?
 - b) What fraction of the chocolate bar was eaten altogether?
 - c) What fraction of the chocolate bar is left?