Class IV   **PT3 PRACTICE WORKSHEET – MATHEMATICS**

Lesson–7   **Worksheet-1**

1. Draw 2 shapes each for : a) curved lines   b)straight lines
        c) both curved and straight lines   d) open curves   e) closed curves.

2. Draw lines of symmetry for the letters in your name.

3. You need to make bigger Squares using smaller squares. How many squares of 1 cm side each will you require to make a square of side 2 cm and 3 cm.

4. Find the radius of the circle whose diameters are given below:
        a) 48 cm   b) 92cm   c) 34cm   d) 76 cm

5. Find the diameter of the circle whose radii are given below:
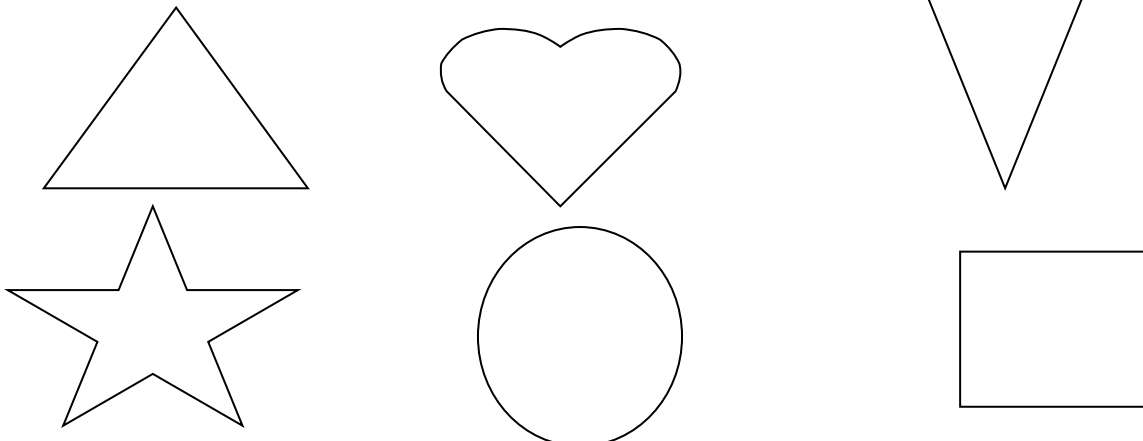   a) 62 cm   b) 45cm   c) 6 cm   d) 30cm

6. Write True or False.

   a) Open curves start and end at the same point. (_____)

   b) A simple closed curve is always a polygon. (_____)

   c) The letter 'H' has 2 lines of symmetry. (_____)

   d) A quadrilateral has 4 sides, 5 vertices and six angles. (_____)

   e) A line segment has 2 ends. (_____)

7. Fill in the blanks.

   a) The number of open ends in a closed curve is _____

   b) A polygon with six sides is called_____

   c) A shape which is not a polygon is _____

   d) The distance from the centre to any point on the circumference of a circle is called_____

   e) A polygon with four sides is called_____

8. Draw the lines of symmetry for the given figures

Lesson–8   **Worksheet-2**

1. Tabulate the following fractions under the correct headings.

a) $2\frac{3}{4}$ b) $\frac{8}{3}$ c) $2\frac{3}{8}$ d) $\frac{10}{6}$ e) $\frac{15}{14}$ f) $\frac{3}{8}$ g) $\frac{4}{3}$ h) $9\frac{1}{2}$ I) $\frac{5}{6}$

Proper Fractions	Improper Fractions	Mixed Fractions

2. Convert improper fractions into mixed fractions:

     a) $\frac{33}{6}$ b) $\frac{21}{4}$ c) $\frac{32}{5}$ d) $\frac{52}{7}$ e) $\frac{80}{9}$

3. Convert Mixed fractions into improper fractions:

     a) $7\frac{2}{3}$ b) $5\frac{1}{2}$ c) $6\frac{4}{8}$ d) $3\frac{5}{9}$ e) $8\frac{3}{4}$

4. Which of the following is a pair of like fractions:

     a) $\frac{3}{5}$, $\frac{4}{5}$ b) $\frac{6}{8}$, $\frac{7}{9}$ c) $\frac{7}{2}$, $\frac{9}{2}$ d) $\frac{5}{4}$, $\frac{8}{9}$

5. Which of the following is a pair of unlike fractions:

     a) $\frac{3}{8}$, $\frac{5}{8}$ b) $\frac{1}{7}$, $\frac{1}{6}$ c) $\frac{3}{7}$, $\frac{4}{7}$ d) $\frac{2}{5}$, $\frac{4}{8}$

6. Fill in the boxes using sign > or = or < :

a) $\frac{7}{11}$ ☐ $\frac{4}{11}$ b) $\frac{2}{3}$ ☐ $\frac{10}{3}$ c) $\frac{49}{25}$ ☐ $\frac{72}{25}$ d) $\frac{71}{72}$ ☐ $\frac{71}{72}$

7. Fill in the missing numbers to find equivalent fractions:

a) $\frac{7}{6}$ = $\frac{}{42}$ b) $\frac{}{9}$ = $\frac{30}{54}$ c) $\frac{}{8}$ = $\frac{48}{64}$ d) $\frac{2}{3}$ = $\frac{8}{}$ e) $\frac{4}{8}$ = $\frac{36}{}$ f) $\frac{5}{7}$ = $\frac{10}{}$

8. Reduce the fractions :

a) $\frac{8}{48}$ b) $\frac{48}{64}$ c) $\frac{54}{27}$ d) $\frac{15}{45}$

9. Find :

a) $\frac{1}{4}$ of 32   b) $\frac{2}{3}$ of 27   c) $\frac{3}{4}$ of 96   d) $\frac{1}{5}$ of 75

10. Solve :

a) $\frac{5}{8}$ - $\frac{3}{8}$ b) $\frac{47}{6}$ + $\frac{14}{6}$ c) $\frac{21}{11}$ - $\frac{20}{6}$ d) $\frac{72}{56}$ + $\frac{16}{56}$ e) $\frac{18}{29}$ - $\frac{17}{29}$ f) $\frac{51}{82}$ + $\frac{46}{82}$

11. Story Sums :

a) Mrs. Reddy is 145 cm tall and her daughter is $\frac{2}{5}$ of her height. How tall is her daughter ?

b) Ravi wants to complete $\frac{7}{12}$ of a project work today. He has already done $\frac{2}{12}$ of the project work. What fraction of the project is left for Ravi to finish ?

c) In a class of 7th of a school there are 15 boys and there are $\frac{2}{5}$ as many girls. How many girls are there in the class ? What is the total strength of the class ?

Lesson–9   **Worksheet-3**

1. Write the following decimals in words:

    a) 162.6   b) 422.35   c) 25.005   d) 9876.076

2. Write in decimals:

  a) Three hundred fifty four point zero nine

  b) Seven point three

  c) Nine thousand five hundred twenty eight point two zero four

  d) Ten point zero three four

3. Convert the following decimal to fractions:

  a) 76.001   b) 6.98   c) 4.6   d) 0.81

  e) 25.465   f) 99.08   g) 721.50   h) 1234.561

4. Write the following in expanded form:

  a) 4.71   b) 0.853   c) 12.561   d) 38.02

  e) 6.179   f) 6.04   g) 278.05   h) 74.005

5. Convert the following fractions to decimals:

  a) $88 \frac{35}{100}$ b) $3 \frac{5}{10}$ c) $9 \frac{5}{1000}$ d) $84 \frac{35}{100}$

  e) $61 \frac{65}{1000}$ f) $95 \frac{4}{10}$ g) $52 \frac{5}{100}$ h) $18 \frac{515}{1000}$

6. Write the following in decimals:

  a) $400 + 3 + \frac{6}{10}$ b) $5000 + 30 + \frac{9}{10} + \frac{8}{100}$

  c) $8 + \frac{5}{1000}$ d) $9000 + 700 + 50 + 2 + \frac{1}{10} + \frac{4}{100} + \frac{8}{1000}$