

WELLAND GOULDSMITH SCHOOL

SUBJECT : MATHEMATICS

CLASS : 5

TOPIC : REVISION WORK ANSWER KEYS (CHAPTER NOS. 1, 2 AND 4)

I. Place Value:

a) Write the standard form of:

i. 74005270

ii. 805005

b) 10,52,79,000

c) 9,52,69,999

d) 8,85,65,794 8,57,53,241 15,25,875 9,87,989

e) Write in words:

i. 463,562 - Four hundred sixty three thousand five hundred sixty two.

ii. 1,500,273 – One million five hundred thousand two hundred seventy three.

iii. 3, 10, 25,547 – Three crore ten lakh twenty-five thousand five hundred forty-seven.

f) i) 8

ii) 5

g) 10,23,459

II. Four operations:

a) Write in columns and add:

$$\begin{array}{r} \text{i.} \quad 657258 \\ \quad \quad 87524 \\ \quad \quad + 154 \\ \hline \quad \quad 744936 \\ \hline \end{array}$$

$$\begin{array}{r} \text{ii.} \quad 99997 \\ \quad \quad 12484 \\ \quad \quad \quad 2450 \\ \quad \quad + 101 \\ \hline \quad \quad 115032 \\ \hline \end{array}$$

$$\begin{array}{r} \text{b) } 978549 \\ \quad - 52419 \\ \hline \quad 926130 \\ \hline \end{array}$$

$$\begin{array}{r}
 8754 \\
 \times 689 \\
 \hline
 78786 \\
 70032X \\
 + 52524XX \\
 \hline
 6031506
 \end{array}$$

c)

Ans. – 6031506

$$\begin{array}{r}
 218 \\
 235 \overline{) 51326} \\
 \underline{-470} \downarrow \\
 432 \\
 \underline{-235} \downarrow \\
 1976 \\
 \underline{-1880} \\
 96
 \end{array}$$

Quotient → 218
Remainder → 96

d)

Ans. – Quotient : 218, Remainder : 96.

III. Fractions:

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

b) $\frac{11}{14}, \frac{9}{14}, \frac{13}{28}, \frac{2}{7}$

c) Find the sum:

i)

$$\begin{aligned}
 & \frac{2}{3} + 4\frac{1}{5} + 3 \\
 &= \frac{5}{3} + \frac{21}{5} + \frac{3}{1} \\
 &= \frac{25 + 63 + 45}{15} \\
 &= \frac{133}{15} = 8\frac{13}{15} \text{ Ans}
 \end{aligned}$$

$$\begin{aligned}
 & 16\frac{1}{7} + 3\frac{1}{8} + \frac{2}{7} \\
 &= \frac{113}{7} + \frac{25}{8} + \frac{2}{7} \\
 &= \frac{904 + 175 + 16}{56} = \frac{1095}{56} = 19\frac{31}{56} \text{ Ans}
 \end{aligned}$$

ii)

$$\begin{aligned}
 & 36 - 4\frac{1}{7} \\
 &= 36 - \frac{29}{7} \\
 &= \frac{252 - 29}{7} \\
 &= \frac{223}{7} \\
 &= 31\frac{6}{7} \text{ Ans}
 \end{aligned}$$

d)

$$\begin{aligned}
 & \frac{24}{18} \times \frac{15}{6} \times \frac{8}{10} \\
 &= \frac{\cancel{2}^4}{\cancel{18}_3} \times \frac{\cancel{15}^3}{\cancel{6}_2} \times \frac{\cancel{8}^4}{\cancel{10}_5} \\
 &= \frac{4 \times 1 \times 2}{3 \times 1 \times 1} = \frac{8}{3} \text{ Ans}
 \end{aligned}$$

e)

$$\begin{aligned}
 & \frac{32}{11} \div \frac{8}{33} \\
 &= \frac{\cancel{32}^4}{\cancel{11}_1} \times \frac{\cancel{33}^3}{\cancel{8}_1} \\
 &= 12 \text{ Ans}
 \end{aligned}$$

f)

IV. Word Problems:

- a) 85746 books.
 - b) 125 pieces.
 - c) 1001 rooms.
 - d) Rs. 12, 26,688.
 - e) Rs. 37, 42,089.
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