

**WELLAND GOULDSMITH SCHOOL**  
**CLASS – 5**  
**SUBJECT : MATHEMATICS**  
**TOPIC : THE FOUR OPERATIONS**  
**ANSWER KEY**

**A 1. Addition**

- a. 5, 93, 76, 834  
 b. 3, 57, 40, 661

**A 2. Subtraction**

- a. 27, 90, 775

b. Step 1

$$\begin{array}{r} 23\ 54\ 432 \\ +\ 41\ 24\ 673 \\ \hline 64\ 79\ 105 \end{array}$$

Step 2.

$$\begin{array}{r} 97\ 56\ 234 \\ -\ 64\ 79\ 105 \\ \hline 32\ 77\ 129 \end{array}$$

**Ans : 32, 77, 129**

**A 3. Multiply :**

a.

$$\begin{array}{r} 4\ 21\ 75 \\ \times\ 243 \\ \hline 126525 \\ 168700X \\ \hline 84350XX \\ 10248525 \end{array}$$

**Ans : 10248525**

b.

$$\begin{array}{r} 5\ 097 \\ \times\ 43 \\ \hline 15291 \\ 20388X \\ \hline 219171 \end{array}$$

**Ans : 219171**

**A 4. Divide:**

$$\begin{array}{r} \phantom{a. 483) } \underline{107} \\ a. 483) 51693 \\ \underline{483} \phantom{00} \\ 3393 \\ \underline{3381} \\ 12 \end{array}$$

**Quotient : 107**  
**Remainder : 12**

$$\begin{array}{r} \phantom{16) } \underline{311} \\ 16) 4987 \\ \underline{48} \phantom{00} \\ 18 \\ \underline{16} \\ 27 \\ \underline{16} \\ 11 \end{array}$$

**Quotient : 311**  
**Remainder : 11**

**A 5. Word Problems :**

$$\begin{array}{lcl} a. \text{ No.of academic books} & = & 18\,820 \\ \text{No.of story books} & + = & \underline{15\,400} \\ \therefore \text{ Total number of academic and story books} & = & 34\,220 \end{array}$$

**Ans :** 34, 220 academic and story books

$$\begin{array}{lcl} \text{No.of books a library contains} & = & 3\,80\,325 \\ \text{No.of academic and story books} & - = & \underline{34\,220} \\ \therefore \text{ No. of other books} & = & 3\,46\,105 \end{array}$$

**Ans :** 3, 46, 105 other books

$$\begin{aligned}
 \text{b. No. of men} &= 92628 \\
 \text{No. of women} &+ = \underline{71306} \\
 \therefore \text{No. of men and women} &= 163934 \\
 \text{Ans : } &1, 63, 934 \text{ men and women}
 \end{aligned}$$

$$\begin{aligned}
 \text{No. of people in a town} &= 427008 \\
 \text{No. of men and women} &- = \underline{163934} \\
 \therefore \text{No. of children} &= 263074 \\
 \text{Ans : } &2, 63, 074 \text{ children}
 \end{aligned}$$

$$\begin{aligned}
 \text{c. No. of egg trays in a carton} &= 235 \\
 \text{No. of cartons} &= 40 \\
 \therefore \text{No. of egg trays in 40 cartons} &= 235 \times 40 \\
 & \begin{array}{r} 235 \\ \times 40 \\ \hline 000 \\ 9400 \\ \hline 9400 \end{array}
 \end{aligned}$$

**Ans :** 9,400 egg trays.

$$\begin{aligned}
 \text{d. No. of apple saplings} &= 4680 \\
 \text{No. of rows} &= 18 \\
 \therefore \text{No. of saplings to be planted in each row} &= 4680 \div 18 \\
 &= 260
 \end{aligned}$$

$$\begin{array}{r}
 \underline{260} \\
 18 \overline{) 4680} \\
 \underline{36} \phantom{0} \\
 108 \phantom{0} \\
 \underline{108} \phantom{0} \\
 0 \phantom{0} \\
 \underline{0} \\
 \underline{\phantom{0} X} \\
 \text{Ans : } 260
 \end{array}$$

**Warm Up Exercise B - Page 23**

1. Sum
2. Difference
3. Product , Factors
4. Dividend , Quotient, Remainder

**Exercise 2.1 - Page 25**

- B. 5 7 5 2 5  
C. 1 0 9 9 9 9

**Exercise - 2.3 - Page 33**

- A. 1. 4 1 0 3  
2. 7 0 0 0  
3. 1 2 4 7 4  
4. 2 4 1  
5. 1 4 0

