

**St Andrews Scots Senior Secondary School**

**IP Extension Patparganj Delhi –110092**

**Session – 2026-27**

**Class – IV**

**Subject -Mathematics**

**Chapter -2 ( Addition and Subtraction)**

**Work to be done**

**Ex- 2A**

Q1- a,e,f in Book( Remaining Homework)

Q2- a,d in Notebook

Q3 – a,c in Notebook

Q4- Book

Properties of addition

**Ex-2B**

Q1-Book

Q2- ( b,c) Remaining Homework

**Ex- 2C**

Q1- Book

Q2- a,d Notebook

Q3- Notebook

Q4- Homework

Q5- Book

Properties of Subtraction

**Ex- 2D**

Q1- Book

Q2- Book

Q3- Book

Q4- Book

**Ex- 2E**

Q1,5,6,8,10,12 ( Remaining Homework)

Explain Estimation / Round off

**Ex- 2F**

Q1- a( b,c Homework)

Q2- b( a,c Homework)

Q3- c( ab Homework)

**Review time**

**Worksheet**

**Solutions**

### Exercise 2A

1. (a) 
$$\begin{array}{r} \text{ТЪТЪНТО} \\ 23475 \\ +12324 \\ \hline 35799 \end{array}$$

(b) 
$$\begin{array}{r} \text{ТЪТЪНТО} \\ 68024 \\ +21734 \\ \hline 89758 \end{array}$$

(c) 
$$\begin{array}{r} \text{ТЪТЪНТО} \\ 32890 \\ +43106 \\ \hline 75996 \end{array}$$

(d) 
$$\begin{array}{r} \text{ТЛЛТЪТЪНТО} \\ 3845682 \\ +240315 \\ \hline 4085997 \end{array}$$

(e) 
$$\begin{array}{r} \text{ЛТЪТЪНТО} \\ 142836 \\ +282304 \\ \hline 425140 \end{array}$$

(f) 
$$\begin{array}{r} \text{ТЪТЪНТО} \\ 24801 \\ 3604 \\ +12892 \\ \hline 41297 \end{array}$$

2. (a) 
$$\begin{array}{r} \text{ЛТЪТЪНТО} \\ 63417 \\ 98001 \\ +23495 \\ \hline 184913 \end{array}$$

(b) 
$$\begin{array}{r} \text{ЛТЪТЪНТО} \\ 322478 \\ 13980 \\ +624717 \\ \hline 961175 \end{array}$$

(c) 
$$\begin{array}{r} \text{ЛТЪТЪНТО} \\ 123456 \\ 28497 \\ +930 \\ \hline 152883 \end{array}$$

(d) 
$$\begin{array}{r} \text{ТЛЛТЪТЪНТО} \\ 1875 \\ 6234 \\ 9091 \\ +2348176 \\ \hline 2365376 \end{array}$$

3. (a) 
$$\begin{array}{r} 56,954 \\ +10,000 \\ \hline 66,954 \end{array}$$

(b) 
$$\begin{array}{r} 15,000 \\ +3,608 \\ \hline 18,608 \end{array}$$

(c) 
$$\begin{array}{r} 98,505 \\ +12,396 \\ \hline 110,901 \end{array}$$

$$\begin{array}{r}
 4. \text{ (a)} \quad \boxed{1}412\boxed{5} \\
 + 62\boxed{8}14 \\
 \hline
 7\boxed{6}9\boxed{3}9
 \end{array}$$

$$\begin{array}{r}
 \text{(b)} \quad 7\boxed{3}489\boxed{1} \\
 + \boxed{1}5\boxed{5}\boxed{1}05 \\
 \hline
 8899\boxed{9}6
 \end{array}$$

### Exercise 2B

1. (a) 356289 (b) 358947 (c) 564556 (d) 63888 (e) 636494  
 (f)  $4153 + 2675 = 2675 + 4153$  (g)  $0 + 75757 = 75757$   
 (h)  $2696 + 3901 = 2696 + 3901$

2. (a) Arranging in columns, we get

$$\begin{array}{r}
 33560 \\
 + 678336 \\
 \hline
 711896
 \end{array}
 \quad \text{and} \quad
 \begin{array}{r}
 678336 \\
 + 33560 \\
 \hline
 711896
 \end{array}$$

Thus, the sum of both the pairs remains same, if we change order of the numbers.

- (b) Arranging in columns, we get

$$\begin{array}{r}
 957688 \\
 + 348964 \\
 \hline
 1306652
 \end{array}
 \quad \text{and} \quad
 \begin{array}{r}
 348964 \\
 + 957688 \\
 \hline
 1306652
 \end{array}$$

Thus, the sum of both the pairs remains same, if we change order of the numbers.

- (c) Arranging in columns, we get

$$\begin{array}{r}
 657678 \\
 78689 \\
 + 34356 \\
 \hline
 770723
 \end{array}
 \quad \text{and} \quad
 \begin{array}{r}
 78689 \\
 657678 \\
 + 34356 \\
 \hline
 770723
 \end{array}$$

Thus, the sum of both the pairs remains same, if we change order of the numbers.

### Exercise 2C

1. (a)  $\begin{array}{r} 81249 \\ - 20137 \\ \hline 61112 \end{array}$  (b)  $\begin{array}{r} 24682 \\ - 13471 \\ \hline 11211 \end{array}$  (c)  $\begin{array}{r} 957348 \\ - 326217 \\ \hline 631131 \end{array}$

(d) $\begin{array}{r} \text{L T Th Th H T O} \\ 7\ 0\ 8\ 5\ 6\ 4 \\ -6\ 0\ 2\ 3\ 2\ 1 \\ \hline 1\ 0\ 6\ 2\ 4\ 3 \end{array}$	(e) $\begin{array}{r} \text{L T Th Th H T O} \\ 3\ 5\ 1\ 7\ 0\ 0 \\ -6\ 2\ 4\ 8 \\ \hline 3\ 4\ 5\ 4\ 5\ 2 \end{array}$	(f) $\begin{array}{r} \text{L T Th Th H T O} \\ 4\ 3\ 2\ 1\ 7\ 0 \\ -3\ 4\ 2\ 8\ 1\ 9 \\ \hline 8\ 9\ 3\ 5\ 1 \end{array}$
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2. (a) $\begin{array}{r} \text{L T Th Th H T O} \\ 9\ 8\ 4\ 7\ 1\ 5 \\ -6\ 2\ 8\ 0 \\ \hline 9\ 7\ 8\ 4\ 3\ 5 \end{array}$	(b) $\begin{array}{r} \text{TL L T Th Th H T O} \\ 9\ 8\ 9\ 8\ 3\ 2\ 4 \\ -2\ 3\ 2\ 3\ 7\ 4 \\ \hline 9\ 6\ 6\ 5\ 9\ 5\ 0 \end{array}$
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(c) $\begin{array}{r} \text{L T Th Th H T O} \\ 5\ 0\ 2\ 5\ 0\ 1 \\ -9\ 8\ 0 \\ \hline 5\ 0\ 1\ 5\ 2\ 1 \end{array}$	(d) $\begin{array}{r} \text{L T Th Th H T O} \\ 6\ 0\ 0\ 0\ 0\ 0 \\ -6\ 8\ 3\ 2\ 9 \\ \hline 5\ 3\ 1\ 6\ 7\ 1 \end{array}$
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3. $\begin{array}{r} 2\ 1\ 6\ 5\ 7\ 6 \\ +9\ 6\ 8\ 2\ 4 \\ \hline 3\ 1\ 3\ 4\ 0\ 0 \end{array}$	4. $\begin{array}{r} 9\ 6\ 6\ 0\ 5\ 8 \\ -6\ 4\ 3\ 8\ 4\ 9 \\ \hline 3\ 2\ 2\ 2\ 0\ 9 \end{array}$
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5. (a) $\begin{array}{r} 8\ 6\ 1\ 5\ 6 \\ -2\ \boxed{4}\ 0\ \boxed{3}\ 6 \\ \hline 6\ 2\ 1\ 2\ \boxed{0} \end{array}$	(b) $\begin{array}{r} \boxed{8}\ 9\ 5\ 4\ 7 \\ -6\ 7\ 4\ \boxed{3}\ 6 \\ \hline 2\ \boxed{2}\ 1\ 1\ \boxed{1} \end{array}$
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### Exercise 2D

1. (a) 48579                      (b) 57670                      (c) 58500  
     (d) 864456                    (e) 0                              (f) 977684
2. (a) 10                      (b) 1                      (c) 0                      (d) 1000
3. 
$$\begin{array}{r} 9\ 9\ 9\ 9 \\ -1 \\ \hline 9\ 9\ 9\ 8 \end{array}$$
4. 
$$\begin{array}{r} 4\ 5\ 2\ 8 \\ +1 \\ \hline 4\ 5\ 2\ 9 \end{array}$$

### Exercise 2E

1. Visitors of google in January = 595760  
    Visitors of google in February = + 714835  
    Total visitors = 1310595

$$\begin{aligned}
 2. \text{ Total TV sets made in the year 2013} &= 287560 \\
 \text{TV sets made in December} &= \underline{-7832} \\
 \text{Number of TV sets made till November} &= \underline{279728}
 \end{aligned}$$

$$\begin{aligned}
 3. \text{ Number of votes of Ruhi} &= 436550 \\
 \text{Number of votes by which she won} &= \underline{-83999} \\
 \text{So, number of votes of Ronit} &= \underline{352551}
 \end{aligned}$$

$$\begin{aligned}
 4. \quad &500000 \\
 &\underline{-26793} \\
 &\underline{473207} \quad \text{So, the population of town} = 473207.
 \end{aligned}$$

$$\begin{aligned}
 5. \text{ Total amount Sona had} &= ₹ 9,25,100 \\
 \text{Amount left} &= \underline{- ₹ 69,340} \\
 \text{Thus, cost of vehicle} &= \underline{₹ 8,55,760}
 \end{aligned}$$

$$\begin{aligned}
 6. \quad &45385 \quad 1,33,671 \\
 &\underline{+82355} \quad \underline{-1,27,740} \\
 \text{Sum} &= \underline{1,27,740} \quad \underline{5,931} \quad \text{So, the required answer} = 5,931
 \end{aligned}$$

$$\begin{aligned}
 7. \text{ Number of bricks used in house} &= 12345 \\
 \text{Number of bricks used in well} &= \underline{+392} \\
 \text{Total bricks used} &= \underline{12737} \\
 \text{Total number of bricks the man had} &= 15,600 \\
 \text{Number of bricks used} &= \underline{-12,737} \\
 \text{Number of bricks left} &= \underline{2,863}
 \end{aligned}$$

$$\begin{aligned}
 8. \text{ Greater number} &= 87732 \\
 \text{Difference between numbers} &= \underline{-35708} \\
 \text{Smaller number} &= \underline{52024} \\
 \text{Smaller number} &= 52024 \\
 \text{Greater number} &= \underline{+ 87732} \\
 \text{Sum} &= \underline{139756}
 \end{aligned}$$

$$\begin{array}{r}
9. \text{ Number of votes received by 1}^{\text{st}} \text{ candidate} = 89278 \\
\text{Number of votes received by 2}^{\text{nd}} \text{ candidate} = 34967 \\
\text{Number of votes received by 3}^{\text{rd}} \text{ candidate} = 8247 \\
\text{Number of votes received by 4}^{\text{th}} \text{ candidate} = 976 \\
\text{Number of invalid votes} = +1984 \\
\text{Total number of votes cast} = \underline{\underline{135452}}
\end{array}$$

$$\begin{array}{r}
10. \text{ Price of a car} = ₹ 486798 \\
\text{Price of a van} = \underline{- ₹ 300980} \\
\text{Thus, car costs more by amount} = \underline{\underline{₹ 1,85,818}}
\end{array}$$

11. Length of cable used: 9845 m and 7834 m.

$$\begin{array}{r}
9845 \text{ m} \\
+7834 \text{ m} \\
\hline
17679 \text{ m}
\end{array}$$

Thus, total length of cable used = 17,679 m

$$\begin{array}{r}
\text{Total length of cable} = 40000 \text{ m} \\
\text{Length of cable used} = \underline{-17679 \text{ m}} \\
\text{So, remaining length of cable} = \underline{\underline{22321 \text{ m}}}
\end{array}$$

$$\begin{array}{r}
12. \text{ Quantity of milk supplied to 1}^{\text{st}} \text{ town} = 34890 \text{ litres} \\
\text{Quantity of milk supplied to 2}^{\text{nd}} \text{ town} = +14785 \text{ litres} \\
\text{Total quantity of milk supplied} = \underline{\underline{49675 \text{ litres}}}
\end{array}$$

$$\begin{array}{r}
\text{Total quantity of milk produced by dairy} = 83500 \text{ litres} \\
\text{Total quantity of milk supplied} = \underline{-49675 \text{ litres}} \\
\text{Remaining quantity of milk} = \underline{\underline{33825 \text{ litres}}}
\end{array}$$

### Exercise 2F

$$\begin{array}{r}
1. \text{ (a) } 750 - 170 \Rightarrow \begin{array}{r} 750 \\ -170 \\ \hline 580 \end{array} \quad \text{(b) } 440 - 290 \Rightarrow \begin{array}{r} 440 \\ -290 \\ \hline 150 \end{array}
\end{array}$$

$$\begin{array}{r}
\text{(c) } 350 + 470 \Rightarrow \begin{array}{r} 350 \\ +470 \\ \hline 820 \end{array}
\end{array}$$

$$2. (a) 1800 - 700 \Rightarrow \begin{array}{r} 1800 \\ -700 \\ \hline 1100 \end{array} \quad (b) 10100 + 39300 \Rightarrow \begin{array}{r} 10100 \\ +39300 \\ \hline 49400 \end{array}$$

$$(c) 24400 - 6200 \Rightarrow \begin{array}{r} 24400 \\ -6200 \\ \hline 18200 \end{array}$$

$$3. (a) 56000 - 39000 \Rightarrow \begin{array}{r} 56000 \\ -39000 \\ \hline 17000 \end{array}$$

$$(b) 3000 + 4000 \Rightarrow \begin{array}{r} 3000 \\ +4000 \\ \hline 7000 \end{array} \quad (c) 35000 - 17000 \Rightarrow \begin{array}{r} 35000 \\ -17000 \\ \hline 18000 \end{array}$$

### Review Time

I. 1. (c)    2. (b)    3. (a)    4. (b)    5. (a)    6. (a)

7. (b)    8. (c)    9. (a)    10. (b)

II. 1. 0    2. 2,50,000    3. 256782    4. 89635    5. 459874

III. 1. People travel by trains = 9,53,712  
 People travel by buses = 4,86,403  
 People travel by cars = + 56,896  
 Total = 1497011

Total number of people travelling in a day = 1593523

$\Rightarrow 1593523 - 1497011 = 96512$  people travelled by motor bike.

2. Train;  $953712 - 96512 = 857200$  people more.

3. Estimated nearest thousand of 1497011 = 1497000.

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