

Class-III
Dt. 13.07.21

Mathematics

PRACTICE WORK-2

① Form the smallest and greatest 4 digit numbers.

	Smallest number	Greatest num
a) 1, 0, 3, 9 -	1039	9310
b) 7, 4, 0, 6 -	4067	7640
c) 5, 7, 1, 0 -	1057	7510
d) 8, 9, 3, 7 -	3789	9873

② Write the successor of each number.

- | | |
|----------------|----------------|
| a) 1009 - 1010 | e) 3489 - 3490 |
| b) 2000 - 2001 | d) 4088 - 4089 |

③ Write the predecessor of each number.

- | | |
|----------------|----------------|
| a) 1000 - 999 | e) 2897 - 2896 |
| b) 6370 - 6369 | d) 3041 - 3040 |

④ Round off the numbers to the nearest ten.

- | | | |
|------------|------------|------------|
| a) 67 - 70 | c) 85 - 90 | e) 16 - 20 |
| b) 43 - 40 | d) 39 - 40 | f) 24 - 20 |

⑤ Write the Roman numbers -

- | | |
|------------------------|----------------------------|
| a) 18 = 10 + 8 = XVIII | e) 30 = 10 + 10 + 10 = XXX |
| b) 9 = IX | f) 25 = 10 + 10 + 5 = XXV |
| c) 7 = VII | g) 11 = 10 + 1 = XI |
| d) 14 = 10 + 4 = XIV | h) 22 = 10 + 10 + 2 = XXII |

⑥ Write the Hindu-Arabic numbers for the Roman numbers.

- | | |
|---------------------------------|-----------------------------|
| a) XX = 10 + 10 = 20 | e) XXVII = 10 + 10 + 7 = 27 |
| b) VIII = 5 + 3 = 8 | f) XVI = 10 + 5 + 1 = 16 |
| c) IV = 5 - 1 = 4 | g) V = 5 |
| d) XXXI = 10 + 10 + 10 + 1 = 31 | h) XXII = 10 + 10 + 2 = 22 |

⑦ fill in the blanks

a) The place value and face value of 8 in 3859 is $\boxed{800}$ and $\boxed{8}$

b) The face value of 6 in 4621 is $\boxed{6}$

c) 1 more than 999 = $999 + 1 = \boxed{1000}$

d) Numbers end with 0, 2, 4, 6, 8 are called $\boxed{\text{even}}$ numbers.

e) 4 thousands + 7 tens + 3 ones = $\boxed{4073}$

f) The estimated sum of 73 and 49 is $\boxed{70 + 50 = 120}$

g) $97 + 0 = \boxed{97}$

⑧ find the actual sum and estimated sum of -

a) 37 and 61

$$\begin{array}{r} 37 \text{ rounds to } 40 \\ + 61 \text{ rounds to } 60 \\ \hline \boxed{98} \qquad \qquad \boxed{100} \end{array}$$

Ans \rightarrow The estimated sum is 100 while the actual sum is 98.

b) 43 and 35

$$\begin{array}{r} 43 \text{ rounds to } 40 \\ + 35 \text{ rounds to } 40 \\ \hline \boxed{78} \qquad \qquad \boxed{80} \end{array}$$

Ans \rightarrow The estimated sum is 80 while the actual sum is 78.

9) Write in columns and add.

a) $635 + 124 + 426$ b) $5469 + 1135$

$$\begin{array}{r} \textcircled{1} \\ 635 \\ + 124 \\ + 426 \\ \hline 1185 \end{array}$$

Ans \rightarrow 1185

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 5469 \\ + 1135 \\ \hline 6604 \end{array}$$

Ans \rightarrow 6604

c) $4260 + 287 + 68$

$$\begin{array}{r} \textcircled{2} \textcircled{1} \\ 4260 \\ + 287 \\ + 68 \\ \hline 4615 \end{array}$$

Ans \rightarrow 4615

d) $435 + 1029 + 82$

$$\begin{array}{r} \textcircled{1} \textcircled{1} \\ 435 \\ + 1029 \\ + 82 \\ \hline 1546 \end{array}$$

Ans \rightarrow 1546

10) Solve \rightarrow

Qs A library has 1077 books in English, 639 books in Hindi and 2360 books in Odia. How many books do the library have?

Solution \rightarrow

$$\begin{array}{r} \textcircled{1} \textcircled{1} \textcircled{1} \\ \text{Number of English books} = 1077 \\ \text{Number of Hindi books} = 639 \\ \text{Number of Odia books} = 2360 \\ \hline 4076 \end{array}$$

$$\text{Total books} = 1077 + 639 + 2360 = 4076$$

Ans \rightarrow The library have 4076 books in all.