DON BOSCO SCHOOL KOKAR RANCHI

2020-2021

Subject: Maths 1

Book-Visualising Mathematics 6

Class-6

Natural numbers and whole numbers
Chapter 2

Ex2.1
(Class 5 revision)

Ex 2.2
(Class 5 revision (addition)

Ex2.3
Q1 Addition

Q2.
Ans--

The greatest 7 digits number-9999999
The amount to be added to 8476251
= Greatest 7 digits number-the amount in which to be added to get the seven digit number
=9999999-8476251=1523748
Ans-15,23,748 must be added in 84,76,251 to get greatest 7 digit number.

Q3.
Ans--
Hear largest 4 digits number=9999
Smallest 6 digits number=1,00,000
the difference between the smallest 6 digit number and greatest 4 digit number=greatest 6 digits number-smallest 4 digits number
=1,00,000-9,999=90,001 Ans

Q4. (Addition class 5 revision)

Q5.
Ans
The original number is 5,43,728
As the digits 4 and 7 are interchanged
Then the new Number becomes
=5,73428

So the difference of the new number to the original number
=New number-original number
=5,73,428-5,43,728=29,730 And

Q6.
Ans.
Total population of a town=60,000
In which (1) The population of=32,457
(2) Population of women=13,296
(3) What is the population of children?
Population of children=total population of the town-population men-population of women
=60,000-(32,457+14,294)
=60,000-45,753
=14,247 And

Q7.
Ans--The least number formed by the digits
0,1,3,5,7
=10,357
The greatest number formed by the digits 0,2,4,6,8
=86,420
The number to be added in the smallest number 10,357 to the greatest number 86,420=greatest number-smallest number
=86,420-10,357=76,063 Ans.

Q8.
Ans.
The amount deposited by Sahil in the bank= ₹ 3,75,000
The amount withdrawn by Sahil from the bank=₹49,265
The amount remaining in the bank
=Amount deposited by Sahil-amount withdrawn by Sahil
=3,75,000-49,265=₹3,25,735 Ans.

Exercise 2.4
Q1. Find the products of the following by suitable rearrangement.
(1) 4x694x125x2

(125x4x2)x694
1000x694=694000 And.

(2) 5x3996x20x2
(5x2x20)x3996
200x3996
=799200 Ans.

(3) 2x,9897x5
(2x5)x9897

=10x9897
=98970 Ans.

(4) 725x8x50x20
725x(8x50)x20
725x400x20
290000x20
5800000 And

Q2 (multiplication)
Q3.(multiplication)

Q4.
Ans.
The largest 3 digits number =999
Sum of 2456 and 344=2,456,+344=2,800
the product of largest three digit number and sum of 2456 and 344
=999 x 2800
=27,97,200

Q5.
Ans
Number of toys produced in one day,=3265
Number of toys produced in 25 working days
=Number of toys produced in one day x number of working day involved
3265 x 25=81,625 toys. Ans.

Q6.
Ans.
Cost of one computer₹21,346
Cost of 125 computers sets purchased by the dealer
=Cost of one computer x number of computers sets purchased
=₹21,346x125=₹26,68,250

Q7.
Ans.

Cost of one chair=₹375
Cost of one table=₹125

As such k(1) cost of 40 chairs=cost of one chair x number of table purchased by Mohit
=375x40=15,000
(2) cost of 40 tables=cost of one table x number of tables bought by Mohit
=₹125x40=₹5000
Total money spent by Mohit=total cost of 40 chairs+total cost of 40 tables
=₹15,000x₹5,000{₹20,000 And.

Q8.
Ans.

Number of pages in one book=150 pages
As such number of pages in 1652 books
=Total number of books x number of pages in one book
=1,652x150=2,47,800 pages Ans.

Q9.
Ans.
The product of 63538 and 35
=63538x35=22,23,830
The greatest number formed by the digits
0,1,2,3,4,5,6
=6543210
Subtracting the product of the two numbers from the greatest number formed by the digits
=65,43,210-22,23,830

Q10.
Ans.
The product unit digits=28=4x7
Units digits are 4 and 7
And product of tens digits=15=3x5
The numbers of the units place are 4 and 7
The numbers of the tens place are 3 and 5
Show the numbers are 37 and 54
