Worksheet: -4   Subject: - Mathematics   Class:-VI   Teacher:-Mrs. Poonam Sunil

Name:-_____   Class & Sec.:-_____   Roll No.:-____   Date:-8/4/2021

Good Morning Students!

Chapter :-1(Word Problems)

In the last class we have done word Problems of addition and Subtraction. Today we will do word Problems of multiplication and Division. Try to understand these problems and note down.

Problem 5. Find the difference between the greatest and the least 5-digit number that can be written using the digits 6,2,7, 4,3 each only once.

Solution:- Greatest 5-digit number using these digits = 76432

Least 5 digit number using these digits = 23467

Defference = 76 432 - 23 467

$$\begin{array}{r} 76432 \\ -23467 \\ \hline 52965 \\ \hline \end{array}$$

Ans: 52965

Problem 6: A machine, on an average , manufactures 2,825 screws a day. How many screws did it produce in the month of January 2006 ?

Solution: Screws produced in 1 day = 2,825

Screws produced in 31 days =2,825 ×31

$$
\begin{array}{r}
2825 \\
\times 31 \\
\hline
2825 \\
8475\times \\
\hline
87575 \\
\hline
\end{array}
$$

Ans: 87575

Problem 7:- A merchant had rs. 78,592 with her. She placed an order for purchasing 40 radio sets at rs. 1200 each. How much money will remain with her after the purchase.

Solution:

Money spent for purchasing 1 radio set =rs. 1200

 Money spent for purchasing 40 radio sets = 1200x40=Rs. 48000

A merchant had with her = Rs. 78,592

 She spent for radio sets = Rs. 48,000

Money remain with her = Rs. 30,592

 Ans: Rs.30,592

Problem 8:

A student multiplied 7236 by 65 instead of multiplying by 56. By how much was his answer greater than the correct answer. (Hint: Do you need to do both the multiplications),

Solution :

 A student multiptied 7236 by 65

7236

×65
———————
36180

43416×
———————
 4 70340
———————

A student should have to multiply 7236 by 56

7236

×56
———————
43416

36180×
———————
405216
———————

His answer greater than correct answer = 470340

                                        -405216
                                       ———————
                                         065124
                                       ———————

Solve these problem (Given in NCERT Book)

Problem 9: To stitch a shirt , 2m 15cm cloth is needed. Out of 40 m cloth, how many shirts can be stitched and how much cloth will remains ?

Problem 10: Medicine is packed in boxes, each weighing . 4kg 500g. How many such boxes can be loaded in a van which cannot carry beyond 800 kg?

 (You will get the anewers later)