

Name: _____ Class & Sec: _____ Roll No. _____ Date: 14.04.2020

Good Morning Children!

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

Difference = $76432 - 23467$

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

$$52965$$

$$\underline{52965}$$

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 = $2,825 \times 31$

$$\begin{array}{r} 2,825 \\ \times 31 \\ \hline \end{array}$$

$$66$$

$$2825$$

$$84750$$

$$\underline{87605}$$

Ans: 87,605

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

Solution:

Money spent for purchasing 1 radio set = ₹ 1200

Money spent for purchasing 40 radio sets = 1200×40
= ₹ 48,000

A merchant had with her = ₹ 78,592

She spent for radio sets = ₹ 48,000

Money remain with her = ₹ 30,592

Ans: ₹ 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 multiplied 7236 by 65

$$\begin{array}{r} 123 \\ 7236 \\ \textcircled{1} \times 65 \\ \hline 36180 \\ 43416 \times \\ \hline 470340 \end{array}$$

A student should have to multiply

7236 by 56

$$\begin{array}{r} 7236 \\ \textcircled{1} \times 56 \\ \hline 43416 \\ 36180 \times \\ \hline 405216 \end{array}$$

His answer greater than correct answer = 470340

- 405216

065124

Ans: 65,124

Solve these Problems. (Given in NCERT Book)

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

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

Answers:

Please check the answers

Q9 18 shirts, 130 cm left

Q9 177 boxes.

Maths HW
learn and write tables of 15 and 16
(learn dodging of tables).

Good afternoon students!
Next I will meet you on Friday.
Be safe and eat healthy.