



CLASS :IV

Subject: Mathematics

Date: 04-07-2020

Topic: Answer keys of worksheets 22, 23, 24, 25 & 26

Answer keys

Self check

Worksheet 22, Date :- 29-06-2020

1. Multiply the following :-

a. $223 \times 20 = 4460$

b. $1221 \times 40 = 48840$

c. $213 \times 30 = 6390$

d. $4312 \times 200 = 862400$

e. $332 \times 300 = 99600$

f. $202 \times 400 = 80800$

g. $1200 \times 5000 = 6000000$ (Hint: First multiply 1200 by 5 ,then put three zeros to the right of the product)

h. $2403 \times 4000 = 9612000$ (Hint : First multiply 2403*4, then put three zeros to the right of the product)

i. $485 \times 300 = 145500$

J. $3218 \times 9000 = 28962000$

K. $426 \times 500 = 213000$

2. Fill in the blanks :-

a. $7 \times 9 = 9 \times 7$

b. $869 \times 27 = 27 \times 869$

c. $49 \times (22 \times 8) = (22 \times 49) \times 8$

d. $(643 \times 24) \times 46 = (24 \times 46) \times 643$.

e. $243 \times 12 \times 25 = 243 \times (12 \times 25)$

Multiplication of large numbers

Th H T O

1 0 2 1

* 2 3

3 0 6 3 ----- *On multiplying by ones (1021*3)*

2 0 4 2 * ----- *On multiplying by tens (1021*20)*

2 3 4 8 3 ----- *sum of the two products*

Now let us try to solve the following :-

1. Multiply the following :-

a. $1264 \times 16 = 20224$

b. $4538 \times 21 = 95298$

c. $2187 \times 47 = 102789$

d. $7361 \times 19 = 139859$

e. $4020 \times 21 = 84420$

Worksheet 23, Date :- 30-06-2020

1. Multiply the following :-

a. $36528 \times 13 = 474864$

b. $11101 \times 77 = 854777$

c. $41253 \times 40 = 1650120$

d. $14253 \times 19 = 270807$

e. $47851 \times 11 = 526361$

2. Multiply the following :-

a. $5362 \times 118 = 96516$

b. $2135 \times 109 = 232715$

c. $4328 \times 200 = 865600$

d. $2738 \times 261 = 714618$

e. $1754 \times 518 = 908572$

Worksheet 24, Date :- 01-07-2020

1. Solve:-

a. A mobile costs Rs 8,955. How much would 86 such mobiles cost? (Hint : you will follow the process of example 25 ,page no -48) **Ans. Rs 770130**

b. A newspaper has 15 sheets of paper. How many sheets of paper are there in 5213 newspapers ? (Hint : you Will follow the process of example 25 ,page no -48) **Ans. 78195**

c. A shirt costs Rs 854. How much would 52 such shirts cost? (Hint : you can follow the process of example 25 ,page no -48) **Ans. Rs 44408**

d. There are 12 pencils in a box . How many pencils are there in 211 such boxes? (Hint : you can follow the process of example 25 ,page no -48) Ans. 2532

e. A maths book has 354 pages. How many pages are there in 66 such books ?(Hint : you can follow the process of example 25 ,page no -48) Ans. 23364

f. How many hours are there in 365 days? (Hint : 1 day = 24 hours, now multiply 365 with 24 to get your answer). Ans. 8760 hours

g. One kilogram of rice costs Rs 42 .What will be the cost of 1100 kg of rice ?(Hint : you can follow the process of example 26 ,page no -48) Ans. Rs 46200

h. Mr. Sharma travels 56 km every day by his car. How much distance will he cover in 1840 days ? (Hint : In one day Mr. Sharma travels 56 km. Therefore, Multiply 1840 and 56 to get your answer). Ans. 103040 km

i. A Saree costs Rs 6524 . How much would 36 such Sarees cost? (Hint : you can follow the process of example 26 ,page no -48) Ans.Rs 234864

j. Rana bought 60 jewelery sets for his shop. Cost of each jewelery set Rs 4785. How much did he pay in all? (Hint : you can follow the process of example 26 ,page no -48) Ans.Rs 287100

Worksheet 25, Date :- 02-07-2020

1. Fill in the blanks:-

a. $241 \times 328 = 328 \times 241$

b. $(28 \times 62) \times 91 = (91 \times 62) \times 28$

c. $(120 \times 401) \times 75 = (401 \times 75) \times 120$

d. $394 \times (51 \times 189) = (394 \times 189) \times 51$

e. $652 \times 0 \times 4231 = 0$

f. $2319 \times 52342 \times 0 = 0$

2. Find the product :-

a. $720 \times 100 = 72000$

b. $583 \times 200 = 116600$

c. $130 \times 1000 = 130000$

d. $150 \times 10000 = 1500000$

e. $30 \times 10000 = 300000$

3. Find the product :-

a. $2301 \times 33 = 75933$

b. $2000 \times 41 = 82000$

c. $2614 \times 101 = 264014$

d. $3927 \times 54 = 212058$

e. $2131 \times 312 = 664872$

Worksheet 26, Date :- 03-07-2020

Multiplication

Revision of word problems:-

A. Solve the following:-

1. A book has 2452 pages .How many pages are there in 102 such books? **(Hint : you will follow the process of example 25 ,page no -48)Ans.250104**

2. A village has 1432 children. A social service organisation gives 350 g of milk powder per child. How much milk powder is needed in all ? **(Hint : you will follow the process of example 26 ,page no -48, "per child " means "each child " Ans. 501200 g**

3. A refrigerator costs Rs 7846 . How much would 25 refrigerators cost ?(Hint : you will follow the process of example 25 ,page no -48)**Ans. Rs 196150**

4. If an aircraft can carry 265 people ,then how many people can be carried by 12 such aircrafts ? (Hint : you will follow the process of example 25 ,page no -48)**Ans. 3180**

5. There are 1756 children on board a passenger ship . The captain decides to present each child with 12 bars of chocolate. How many bars of chocolates will the captain need ?(Hint : you will follow the process of example 26 ,page no -48)**Ans. 21072**

6. There are 26 letters in the English alphabet. A child is asked to write the entire English alphabet 150 times . How many letters will the child have to write? (Hint : multiply 150 and 26).**Ans. 3900**

7. What is the product of the smallest 4-digit numbers and the greatest 2 - digit numbers?(Hint : Smallest 4-digit number is 1000, and greatest 2-digit number is 99, now multiply them). **Ans. 99000**

8. What is the product of the greatest 3-digit number and the greatest 2-digit number ? (Hint : Greatest 3-digit number is 999, and greatest 2-digit number is 99, now multiply them). **Ans. 98901**