

Chapter 13: Ways to Multiply and Divide

NCERT · Class 5 · Maths

Questions

Question 1

Maniratnam is the cashier of king Jayan. His job is to find out the salary of all the people who work for the king. This chart shows how much salary each person gets in a day.

Person	Salary in a day
Minister	Rs 195
Horse rider	Rs 76
Cook	Rs 65

Maniratnam wanted to calculate the salary of the cook for the month of January. He wrote —

	60	5
30	60×30 1800	5×30 150
1	60×1 60	5×1 5

Rupees $1800 + 150 + 60 + 5 = \text{Rs } \underline{\hspace{2cm}}$

Solution

Rupees $1800 + 150 + 60 + 5 = \text{Rs } (1950 + 65) = \text{Rs } 2015$

Question 2

Maniratnam's daughter Bela has learnt another method to multiply. She wrote like this and showed it to Bhanu, her brother.

Akka, how did you do this?

$$\begin{array}{r} 65 \\ \times 31 \\ \hline 65 \\ + 1950 \\ \hline \end{array} \quad \begin{array}{l} (65 \times 1) \\ (65 \times 30) \end{array}$$

We can multiply 65 with 31 in two steps. We know 31 is $30 + 1$. So, first multiply 65 with 1 and then with 30.

Solution

$$\begin{array}{r} 65 \\ \times 31 \\ \hline 65 \\ + 1950 \\ \hline 2015 \end{array} \quad \begin{array}{l} (65 \times 1) \\ (65 \times 30) \end{array}$$

Question 3

Now Bhanu tried to find the salary of a minister for the month of January. He wanted to multiply 195×31 .

$$\begin{array}{r} 195 \\ \times 31 \\ \hline 195 \\ + \quad _ _ _ 0 \\ \hline \end{array} \quad \begin{array}{l} (195 \times 1) \\ (195 \times 30) \end{array}$$

To multiply by 30
I first write a zero
here. Then I only have
to multiply by 3.

Solution

$$\begin{array}{r}
 195 \\
 \times 31 \\
 \hline
 195 \quad (195 \times 1) \\
 + 5850 \quad (195 \times 30) \\
 \hline
 6045
 \end{array}$$

Practical time

Question 1

Use Bela's method to multiply these numbers.

a) 32×46 b) 67×18

$ \begin{array}{r} 32 \\ \times 46 \\ \hline 192 \quad (32 \times 6) \\ + \quad \quad \quad (32 \times 40) \\ \hline \hline \end{array} $	$ \begin{array}{r} 67 \\ \times 18 \\ \hline \quad \quad \quad (67 \times 8) \\ + 670 \quad (67 \times _ _) \\ \hline \hline \end{array} $
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Solution

a) $32 \times 46 = 1472$ b) $67 \times 18 = 1206$

$ \begin{array}{r} 32 \\ \times 46 \\ \hline 192 \quad (32 \times 6) \\ + 1280 \quad (32 \times 40) \\ \hline 1472 \end{array} $	$ \begin{array}{r} 67 \\ \times 18 \\ \hline 536 \quad (67 \times 8) \\ + 670 \quad (67 \times _ _) \\ \hline 1206 \end{array} $
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Question 2

Do these in your notebook using Bela's method.

a) 47×19 b) 188×91

c) 63×57 d) 225×22

e) 360×12 f) 163×42

Solution

(a)

$$\begin{array}{r} 47 \\ \times 19 \\ \hline 423 \quad (47 \times 9) \\ + 470 \quad (47 \times 10) \\ \hline 893 \end{array}$$

(b)

$$\begin{array}{r} 188 \\ \times 91 \\ \hline 188 \quad (188 \times 1) \\ + 16920 \quad (188 \times 90) \\ \hline 17108 \end{array}$$

(c)

$$\begin{array}{r} 63 \\ \times 57 \\ \hline 441 \quad (63 \times 7) \\ + 3150 \quad (63 \times 50) \\ \hline 3591 \end{array}$$

(d)

$$\begin{array}{r} 225 \\ \times 22 \\ \hline 450 \quad (225 \times 2) \\ + 4500 \quad (225 \times 20) \\ \hline 4950 \end{array}$$

(e)

$$\begin{array}{r} 360 \\ \times 12 \\ \hline 720 \quad (360 \times 2) \\ + 3600 \quad (360 \times 10) \\ \hline 4320 \end{array}$$

(f)

$$\begin{array}{r} 163 \\ \times 42 \\ \hline 326 \quad (163 \times 2) \\ + 6520 \quad (163 \times 40) \\ \hline 6846 \end{array}$$

Shantaram a Special Cook**Question 1**

Shantaram is a special cook who comes only on party days. Last year he was called for only 28 days. For each day he has to be paid Rs 165. Find out how much money he will get in all.

Solution

$$\begin{array}{r}
 165 \\
 \times 365 \\
 \hline
 825 \quad (165 \times 5) \\
 9900 \quad (165 \times 60) \\
 + 49500 \quad (165 \times 300) \\
 \hline
 60225
 \end{array}$$

Thus, the cook will get a salary of Rs 60,225

Question 3

Now find the salaries of the minister and horse rider for 1 year.

Solution

The salary paid to the minister for 1 day = Rs 195

So, the salary paid to the minister for 365 days = Rs 195×365

$$\begin{array}{r}
 195 \\
 \times 365 \\
 \hline
 975 \quad (195 \times 5) \\
 11700 \quad (195 \times 60) \\
 + 58500 \quad (195 \times 300) \\
 \hline
 71175
 \end{array}$$

Hence, the salary of the minister for 1 year is Rs 71,175

And,

The salary paid to the horse rider for 1 day = Rs 95

So, the salary paid to the horse rider for 365 days = $365 \times \text{Rs } 95$

$$\begin{array}{r}
 365 \\
 \times 95 \\
 \hline
 1825 \quad (365 \times 5) \\
 + 32850 \quad (365 \times 90) \\
 \hline
 34675
 \end{array}$$

Hence, the salary of the minister for 1 year is Rs 34,675

Years and Years

(a) Sohan drinks 8 glasses of water every day.

- How many glasses will he drink in one month? _____
- How many glasses will he drink in one year?
- If 125 people living in a colony drink 8 glasses of water in a day, how much water will they drink in a year?

The number of glasses of water Sohan drinks everyday = 8

We know that, 1 months – 30 days

So, the number of glasses of water consumed by Sohan = 8×30

$$\begin{array}{r}
 30 \\
 \times 8 \\
 \hline
 240
 \end{array}$$

Hence, Sohan will drink 240 glasses of water in one month.

Now, we know 1 year = 365 days

So, the number of glasses of water consumed by Sohan in 365 days = 365×8

$$\begin{array}{r}
 365 \\
 \times 8 \\
 \hline
 2920
 \end{array}$$

Hence, Sohan will drink 2,920 glasses of water in one year.

We have, the number of glasses of water consumed by 1 person for a year = 2,920

So, the number glasses of water consumed by 125 people of the colony for one year = 2920×125

				2	9	2	0
×					1	2	5
+			1	4	6	0	0
+			5	8	4	0	0
+		2	9	2	0	0	0
=		3	6	5	0	0	0

Therefore, 125 people of the colony will drink 3, 65,000 glasses of water in one year.

(b) If Soha's heart beats 72 times in one minute, how many times does it beat in one hour?

- Now find out how many times it beats in one day.
- Count your own heart beats to find out how many times your heart beats in one week.

The number of times Soha's heart beats in one minute = 72

We know, 1 hour = 60 minutes

So, the number of times Soha's heart beats in one hour = 72×60

$$\begin{array}{r}
 72 \\
 \times 60 \\
 \hline
 00 \quad (72 \times 0) \\
 4320 \quad (72 \times 60) \\
 \hline
 4320
 \end{array}$$

Hence, Soha's heart beats 4,320 times in one hour.

Now, we know one day has 24 hours.

So, the number of times Soha's heart beats in a day = 4320×24

				4	3	2	0
×						2	4
+			1	7	2	8	0
+			8	6	4	0	0
=		1	0	3	6	8	0

Hence, the number of times Soha's heart beat in a day is 1, 03,680.

Next,

My heart beats 72 times in a minute. We know, 1 week has 7 days.

So, the number of times my heart beats in one week = $1,03,680 \times 7$

		1	0	3	6	8	0
×							7
+		7	2	5	7	6	0
=		7	2	5	7	6	0

Hence, the number times my heart beats in a week is 7,25,760.

(c) A baby elephant drinks around 12 L of milk every day. How much milk will it drink in two years?

The number of litres of milk the baby elephant drinks in a day = 12 L

We know, number of days in a year = 365

And the number of days in two years = $365 \times 2 = 730$

$$\begin{array}{r} 365 \\ \times 2 \\ \hline 730 \end{array}$$

So, the number of litres of milk the baby elephant drinks in two years = 12×730

$$\begin{array}{r} 730 \\ \times 12 \\ \hline 1460 \quad (730 \times 2) \\ 7300 \quad (730 \times 10) \\ \hline 8760 \end{array}$$

Hence, the number of litres of milk the baby elephant will consume in two years is 8,760.

(d) A baby blue whale drinks around 200 L of milk in one day. Just imagine how much milk that is! Find out in how many days your family would use 200 L milk. How much milk would the baby blue whale drink in eight months?

Number of litres of milk a baby blue whale drinks in one day = 200

Number of litres of milk used in my family in one day = 2

So, the number of days for consuming 200 L of milk by my family = $200/2 = 100$ days

Now,

We know 1 month = 30 days then, 8 months = $30 \times 8 = 240$ days

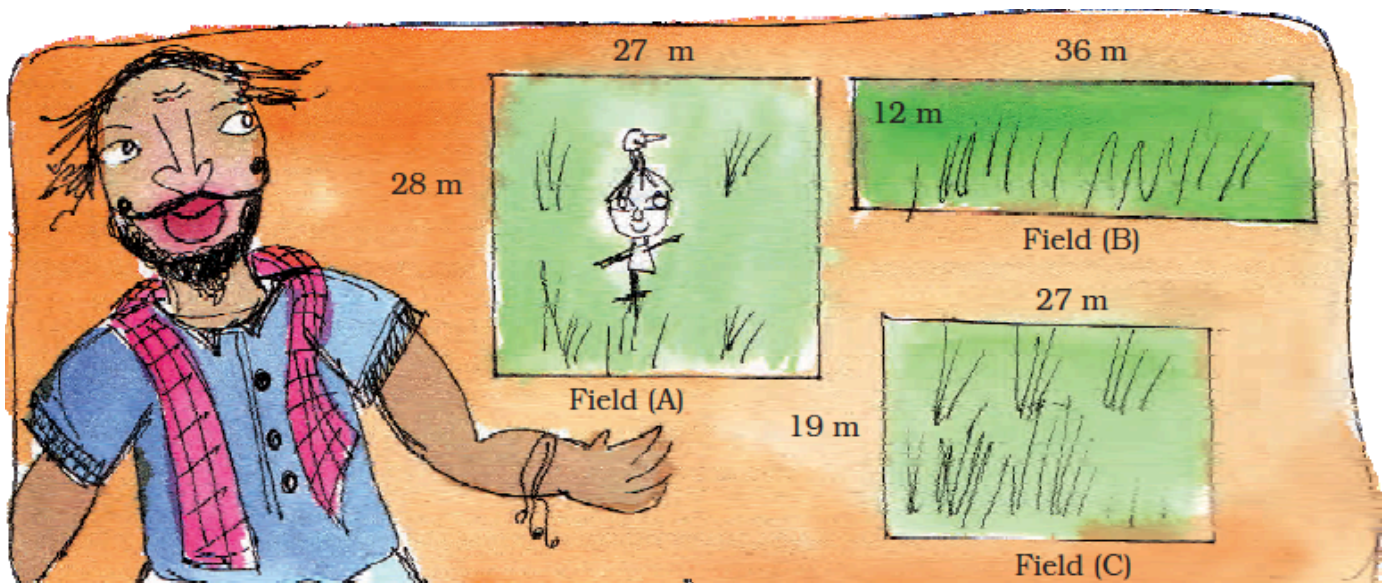
So, the number of litres of milk the baby blue whale will drink in eight months = 200×240

				2	0	0
×				2	4	0
+			0	0	0	0
+			8	0	0	0
+		4	0	0	0	0
=		4	8	0	0	0

Hence, the baby blue whale will consume 48,000 L of milk in eight months.

Karunya – The landlord

Karunya bought three fields.



Question 1 (2)

1. Find the area of all the three

Field (A) _____ square metre.

Field (B) _____ square metre.

Field (C) _____ square metre.

Solution

Dimensions of field (A): Length = 27 m and breadth = 28 m

$$\text{Area (A)} = 27 \times 28$$

$$\begin{array}{r} 28 \\ \times 27 \\ \hline 196 \quad (28 \times 7) \\ 560 \quad (28 \times 20) \\ \hline 756 \end{array}$$

Field (A) 756 square metre.

Dimensions of field (B): Length = 36 m and breadth = 12 m

$$\text{Area (B)} = 36 \times 12$$

$$\begin{array}{r} 36 \\ \times 12 \\ \hline 72 \quad (36 \times 2) \\ 360 \quad (36 \times 10) \\ \hline 432 \end{array}$$

Field (B) 432 square metre.

Dimensions of field (C): Length = 27 m and breadth = 19 m

$$\text{Area (C)} = 27 \times 19$$

$$\begin{array}{r} 27 \\ \times 19 \\ \hline 243 \quad (27 \times 9) \\ 270 \quad (27 \times 10) \\ \hline 513 \end{array}$$

Field (C) 513 square metre.

Question 2 (2)

2. He bought field (A) at the rate of Rs 95 for a square metre, field

(B) at Rs 110 for a square metre and field (C) at Rs 120 for a square metre.

Find the cost of all three fields.

Solution

Cost of 1 square metre of field A = Rs 95

So, the cost of 756 square metre of field A = Rs (756 × 95)

$$\begin{array}{r}
 756 \\
 \times 95 \\
 \hline
 3780 \quad (756 \times 5) \\
 68040 \quad (756 \times 90) \\
 \hline
 71820
 \end{array}$$

Thus, the cost of field A is Rs 71,820

Cost of 1 square metre of field B = Rs 110

So, the cost of 432 square metre of field B = Rs (432 × 110)

$$\begin{array}{r}
 432 \\
 \times 110 \\
 \hline
 000 \quad (432 \times 0) \\
 4320 \quad (432 \times 10) \\
 43200 \quad (432 \times 100) \\
 \hline
 47520
 \end{array}$$

Thus, the cost of field B is Rs 47,520

Cost of 1 square metre of field C = Rs 120

So, the cost of 513 square metre of field C = Rs (513 × 120)

$$\begin{array}{r}
 513 \\
 \times 120 \\
 \hline
 000 \quad (513 \times 0) \\
 10260 \quad (513 \times 20) \\
 51300 \quad (513 \times 100) \\
 \hline
 61560
 \end{array}$$

Thus, the cost of field C is Rs 61,560

Now,

The total cost of all the fields = Rs 71,820 + Rs 47,520 + Rs 61,560 = Rs 1, 80,900

Practice Time

Question 1.576

1. 576 books are to be packed in boxes. If one box has 24 books, how many boxes are needed?

Solution

Total number of books to be packed in boxes = 576

Number of books one box = 24

Then,

The number of boxes required to put 576 books = $576 \div 24$

$$\begin{array}{r} 24 \overline{) 576} \quad (24 \\ \underline{-48} \downarrow \\ 96 \\ \underline{-96} \\ 0 \end{array}$$

Hence, 24 boxes are required to pack 576 books.

Question 2.836

2. 836 people are watching a movie in a hall. If the hall has 44 rows, how many people can sit in 1 row?

Solution

Total number of people watching movie in the hall = 836

Number of rows in the hall = 44

Then,

The number of people sitting in one row = $836 \div 44$

$$\begin{array}{r} 44 \overline{) 836} \quad (19 \\ \underline{-44} \downarrow \\ 396 \\ \underline{-396} \\ 0 \end{array}$$

Hence, 19 people are sitting in 1 row of hall.

Question 3

A gardener bought 458 apple trees. He wants to plant 15 trees in each row. How many rows can he plant?

How many trees would be left over?

Solution

Total number of trees bought by gardener = 458

Number of trees planted in one row = 15

So, the number of rows he can plant = $458 \div 15$

$$\begin{array}{r} 15 \overline{) 458} \quad (30 \\ \underline{-45} \downarrow \\ 08 \\ \underline{-0} \\ 8 \end{array}$$

Thus, the gardener can plant 30 rows of apple trees and he'll be left with 8 trees.

Brain Teaser

Question 1

Shyamli bought a battery. She read on it 'Life: 2000 hours'. She uses it throughout the day and the night. How many days will the battery run?

Solution

The life of the battery = 2000 hours

She uses it all day and night, i.e. for 24 hours

So, the number of days the battery will run = $2000 \div 24$

$$\begin{array}{r}
 24 \overline{) 2000} (83 \\
 \underline{-192} \downarrow \\
 80 \\
 \underline{-72} \\
 8
 \end{array}$$

Thus, the battery will run for 83 days.

More with Multiplication and Division

Question 1

A tank is full of 300 L of water. How much water will be filled in 25 tanks? If 15 buckets can be filled with one tank of water, how many buckets in all can be filled with the water in 25 tanks?

Solution

Amount of water in 1 tank = 300 L

Then, the amount of water in 25 tanks = $25 \times 300 \text{ L} = 7500 \text{ L}$

Next,

The number of buckets that can be filled with one tank of water = 15

So, the number of buckets that can be filled with 25 tanks of water = 25×15

$$\begin{array}{r}
 15 \\
 \times 25 \\
 \hline
 75 \quad (15 \times 5) \\
 300 \quad (15 \times 20) \\
 \hline
 375
 \end{array}$$

Hence, 375 buckets can be filled with 25 tanks of water.

Question 2

There are 28 *laddoos* in 1 kg. How many *laddoos* will be there in 12 kg? If 16 *laddoos* can be packed in 1 box, how many boxes are needed to pack all these *laddoos*?

Solution

Number of laddoos in 1 kg = 28

Then, the number of laddoos in 12 kg = 28×12

$$\begin{array}{r} 12 \\ \times 28 \\ \hline 96 \quad (12 \times 8) \\ 240 \quad (12 \times 20) \\ \hline 336 \end{array}$$

Hence, there will be 336 laddoos in 12 kg,

Number of laddoos that can be packed in one box = 16

So, the number of boxes required to pack 336 laddoos = $336 \div 16$

$$\begin{array}{r} 16 \overline{) 336} \quad (21) \\ \underline{-32} \downarrow \\ 16 \\ \underline{-16} \\ 0 \end{array}$$

Hence, 21 boxes are needed to pack all the laddoos.

Question 3

There are 26 rooms in a school. Each room has 4 plants. If each plant needs 2 cups of water, how much water do we need for all the plants?

Solution

Number of rooms in the school = 26

Number of plants in each room = 4

So, the total number of plants = $26 \times 4 = 104$

Number of cups needed for each plant = 2 cups

Then, the total number of cups required for 104 plants = $104 \times 2 = 208$

Hence, we need 208 cups of water for all the plants.

Make the Best Story Problem

Each line gives a story. You have to choose the question which makes the best story problem.

(1) A shopkeeper has 50 boxes. There are 48 fruits in one box.

- a) How much will the shopkeeper pay in all? ☐
- b) How many fruits are there in all? ☒
- c) How many more boxes will he need? ☐

Explain why (a) and (c) are not good choices.

Option (a) is not a good choice because price is not given in the story

Option (c) is not a good choice because total number of boxes is given in the story.

(2) 352 children from a school went on a camping trip. Each tent had a group of 4 children.

2) 352 children from a school went on a camping trip. Each tent had a group of 4 children.

- a) How many children did each tent have? ☐
- b) How many tents do they need? ☐
- c) How many children in all are in the school? ☐

- a) How many children did each tent have? ☐
- b) How many tents do they need? ☒
- c) How many children in all are in the school? ☐

(3) A shopkeeper has 204 eggs. He puts them in egg trays. Each tray has 12 eggs.

3) A shopkeeper has 204 eggs. He puts them in egg trays. Each tray has 12 eggs.

- a) How many more eggs will he need? ☐
- b) How many fresh eggs does he sell? ☐
- c) How many egg trays does he need? ☐



- a) How many more eggs will he need? ☐
- b) How many fresh eggs does he sell? ☐
- c) How many egg trays does he need? ☒

(4) The cost of one book is Rs 47. Sonu buys 23 books.

- a) How much money does she have? ☐
- b) How much money does she pay for the books? ☐
- c) What is the cost of 47 books? ☐

- a) How much money does she have? ☐
- b) How much money does she pay for the books? ☒
- c) What is the cost of 47 books? ☐

Practice Time

Do these divisions. Check your results by multiplication.

(a) $438 \div 9$ (b) $3480 \div 12$ (c) $450 \div 7$

(d) $900 \div 10$ (e) $678 \div 6$ (f) $2475 \div 11$

$$\begin{array}{r}
 9 \overline{) 438} \quad (48 \\
 \underline{-36} \downarrow \\
 78 \\
 \underline{-72} \\
 6 \quad (a)
 \end{array}$$

Quotient = 48, Remainder = 6 and Divisor = 9.

Checking:

$$\text{Divisor} \times \text{Quotient} + \text{Remainder} = 9 \times 48 + 6 = 438 = \text{Dividend}$$

$$\begin{array}{r}
 12 \overline{) 3480} \quad (290 \\
 \underline{-24} \downarrow \\
 108 \\
 \underline{-108} \downarrow \\
 00 \\
 \underline{-0} \\
 0
 \end{array} \quad (b)$$

Quotient = 290, Remainder = 0 and Divisor = 12.

Checking:

$$\text{Divisor} \times \text{Quotient} + \text{Remainder} = 12 \times 290 + 0 = 3480 = \text{Dividend}$$

$$\begin{array}{r}
 7 \overline{) 450} \quad (64 \\
 \underline{-42} \downarrow \\
 30 \\
 \underline{-28} \\
 2
 \end{array} \quad (c)$$

Quotient = 64, Remainder = 2 and Divisor = 7.

Checking:

$$\text{Divisor} \times \text{Quotient} + \text{Remainder} = 7 \times 64 + 2 = 450 = \text{Dividend}$$

$$\begin{array}{r}
 10 \overline{) 900} \quad (90 \\
 \underline{-90} \downarrow \\
 00 \\
 \underline{-0} \\
 0
 \end{array} \quad (d)$$

Quotient = 90, Remainder = 0 and Divisor = 10.

Checking:

$$\text{Divisor} \times \text{Quotient} + \text{Remainder} = 10 \times 90 + 0 = 900 = \text{Dividend}$$

$$\begin{array}{r}
 6 \overline{) 678} (113 \\
 \underline{-6} \\
 07 \\
 \underline{-6} \\
 18 \\
 \underline{-18} \\
 0 \\
 \hline
 \end{array} \quad (e)$$

Quotient = 113, Remainder = 0 and Divisor = 6.

Checking:

Divisor x Quotient + Remainder = $6 \times 113 + 0 = 678 = \text{Dividend}$

$$\begin{array}{r}
 11 \overline{) 2475} (225 \\
 \underline{-22} \\
 27 \\
 \underline{-22} \\
 55 \\
 \underline{-55} \\
 0 \\
 \hline
 \end{array} \quad (f)$$

Quotient = 225, Remainder = 0 and Divisor = 11.

Checking:

Divisor x Quotient + Remainder = $11 \times 225 + 0 = 2475 = \text{Dividend}$

Question 2 (2)

2) Solve the given sums and colour the answers in the grid given below See what you find.

21×16

15×7

93×2

17×5

10×10

26×26

77×10

$$50 \times 10$$

$$11 \times 11$$

$$59 \times 7$$

$$31 \times 19$$

$$85 \times 30$$

$$64 \times 42$$

$$3200 \div 40$$

$$19 \times 3$$

$$248 \div 8$$

$$432 \div 18$$

$$729 \div 9$$

$$825 \div 5$$

$$221 \div 13$$

$$576 \div 12$$

$$288 \div 4$$

$$869 \div 11$$

$$847 \div 7$$

$$981 \div 3$$

$$475 \div 19$$

Solution

$$\begin{array}{r} 21 \\ \times 16 \\ \hline 126 \text{ (21} \times 6\text{)} \\ 210 \text{ (21} \times 10\text{)} \\ \hline 336 \end{array}$$

$$\begin{array}{r} 15 \\ \times 7 \\ \hline 105 \end{array}$$

$$\begin{array}{r} 93 \\ \times 2 \\ \hline 186 \end{array}$$

$$\begin{array}{r} 17 \\ \times 5 \\ \hline 85 \end{array}$$

$$\begin{array}{r} 10 \\ \times 10 \\ \hline 00 \text{ (10} \times 0\text{)} \\ 100 \text{ (10} \times 10\text{)} \\ \hline 100 \end{array}$$

$$\begin{array}{r} 26 \\ \times 26 \\ \hline 156 \text{ (26} \times 6\text{)} \\ 520 \text{ (26} \times 20\text{)} \\ \hline 676 \end{array}$$

$$\begin{array}{r} 77 \\ \times 10 \\ \hline 00 \text{ (77} \times 0\text{)} \\ 770 \text{ (77} \times 10\text{)} \\ \hline 770 \end{array}$$

$$\begin{array}{r} 50 \\ \times 10 \\ \hline 00 \text{ (50} \times 0\text{)} \\ 500 \text{ (50} \times 10\text{)} \\ \hline 500 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 11 \text{ (11} \times 1\text{)} \\ 110 \text{ (11} \times 10\text{)} \\ \hline 121 \end{array}$$

$$\begin{array}{r} 31 \\ \times 19 \\ \hline 279 \\ 310 \\ \hline 589 \end{array}$$

$$\begin{array}{r} 85 \\ \times 30 \\ \hline 2550 \end{array}$$

$$\begin{array}{r} 64 \\ \times 42 \\ \hline 128 \text{ (64} \times 2\text{)} \\ 2560 \text{ (64} \times 40\text{)} \\ \hline 2688 \end{array}$$

$$\begin{array}{r} 40 \overline{) 3200} \text{ (80)} \\ \underline{-320} \downarrow \\ 00 \\ -0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 19 \\ \times 3 \\ \hline 57 \end{array}$$

$$\begin{array}{r} 8 \overline{) 248} \text{ (31)} \\ \underline{-24} \downarrow \\ 08 \\ -8 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 18 \overline{) 432} \text{ (24)} \\ \underline{-36} \downarrow \\ 72 \\ \underline{-72} \\ \hline 0 \end{array}$$

$$\begin{array}{r} 9 \overline{) 729} \text{ (81)} \\ \underline{-72} \downarrow \\ 09 \\ \underline{-9} \\ \hline 0 \end{array}$$

$$\begin{array}{r} 5 \overline{) 825} \text{ (165)} \\ \underline{-5} \downarrow \\ 32 \\ \underline{-30} \downarrow \\ 25 \\ \underline{-25} \\ \hline 0 \end{array}$$

$$\begin{array}{r} 13 \overline{) 221} \text{ (17)} \\ \underline{-13} \\ 91 \\ \underline{-91} \\ \hline 0 \end{array}$$

$$\begin{array}{r} 12 \overline{) 576} \text{ (48)} \\ \underline{-48} \downarrow \\ 96 \\ \underline{-96} \\ \hline 0 \end{array}$$

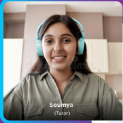
$$\begin{array}{r}
 18 \overline{) 432} \quad (24) \quad 9 \overline{) 729} \quad (81) \quad 5 \overline{) 825} \quad (165) \\
 \underline{-36} \downarrow \quad \underline{-72} \downarrow \quad \underline{-5} \downarrow \quad \underline{-13} \downarrow \quad \underline{-48} \downarrow \\
 72 \quad 09 \quad 32 \quad 91 \quad 96 \\
 \underline{-72} \quad \underline{-9} \quad \underline{-30} \downarrow \quad \underline{-91} \downarrow \quad \underline{-96} \downarrow \\
 0 \quad 0 \quad 25 \quad 0 \quad 0 \\
 \underline{-25} \quad \underline{-96} \quad \underline{-25} \quad \underline{-96} \quad \underline{-96} \\
 0 \quad 0 \quad 0 \quad 0 \quad 0
 \end{array}$$

$$\begin{array}{r}
 4 \overline{) 288} \quad (72) \quad 11 \overline{) 869} \quad (79) \quad 7 \overline{) 847} \quad (121) \quad 3 \overline{) 981} \quad (327) \quad 19 \overline{) 475} \quad (25) \\
 \underline{-28} \downarrow \quad \underline{-77} \downarrow \quad \underline{-7} \downarrow \quad \underline{-9} \downarrow \quad \underline{-38} \downarrow \\
 08 \quad 99 \quad 14 \quad 08 \quad 95 \\
 \underline{-8} \quad \underline{-99} \quad \underline{-14} \downarrow \quad \underline{-6} \downarrow \quad \underline{-95} \downarrow \\
 0 \quad 0 \quad 07 \quad 21 \quad 25 \\
 \underline{-7} \quad \underline{-21} \quad \underline{-7} \quad \underline{-21} \quad \underline{-95} \\
 0 \quad 0 \quad 0 \quad 0 \quad 0
 \end{array}$$

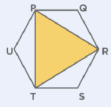
545	110	434	642	709	623	919	341	12	168
984	16	561	608	236	413	529	62	259	905
709	907	367	632	336	121	492	178	431	25
167	806	584	186	100	589	72	717	248	676
624	82	105	24	165	17	85	770	327	500
247	997	485	2688	81	80	48	901	126	121
742	427	756	531	79	2550	347	1001	314	57
945	1000	687	854	1200	31	124	3126	918	53
109	799	845	1999	864	955	123	1234	678	56
549	459	614	1864	834	559	900	1111	268	171

These solutions are designed in such a way that the student finds it very easy to understand the concepts. Furthermore, questions are provided that depict real-life scenarios where these concepts are being used. Students can practise Class 5 NCERT Solutions for Maths for all chapters and excel in them.





Q. If $PQRSTU$ is a regular hexagon, find the ratio of the shaded area to that total area.



A 1:2
B 1:3
C 2:3
D 3:5

Choose the correct option

☐ A ☒ B ☐ C ☐ D



Quiz Ends In

25

Prep Smart, Score High!

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Prep Smart, Score High!



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