



SHREE VASISHTHA VIDHYALAYA

Maths Worksheet 2024-25

Name :- WORKSHEET - 2 SOLUTION

Std.:- IV -

Roll No. :-

Worksheet No. PA1-02

Date :-

L-4 Division

Q-1 Choose the correct option:

- The largest remainder that can be left when a number is divided by 8 is
a) 4 b) 5 c) 7
- 720-90
a) 8 b) 80 c) 800
- In which number sentence is $x=6$?
a) $6 \div x=6$ b) $240 \div x=40$ c) $42 \div x=3$
- If 2024 cars are sold equally in 8 cities how many cars were sold in each city?
a) 252 b) 253 c) 256
- How many fourteens are there in two hundred eighty?
a) 30 b) 20 c) 18

Q-2 Fill in the blanks:

- To multiply a number by 100, we put two zeroes to the right of the number.
- 61 $\div 5$ gives quotient 12 and remainder 1
- $6666 - 6 =$ 1111
- Divisor \times quotient + remainder = Dividend
- $650 \div$ 13 $= 50$

Q-3 Write T for True and F for false:

- $589 \div 1 = 598$ F
- The number itself is the quotient when it is divided by 1 T
- If $25 \times 6 = 150$, then $150 \div 6 = 20$ F
- $1125 - 0 = 0$ F
- $4032 \div 19$ gives quotient 212 and remainder 4 T

Q-4 Complete the sentence below:

- $2 \times 18 = 36$ then $36 \div 18 =$ 2
- (Place value of 9 in 30926) $\div 5 =$ 180
- $659 \div 10$ then Q = 65 and R = 9
- (Smallest four digit number) $\div 10 =$ 100

Q-5 Match the following:

- | A | B | Ans:- |
|---------------------|-------|-------------|
| 1) $750 \div 75$ | a) 78 | 1- <u>C</u> |
| 2) $6121 \div 6121$ | b) 0 | 2- <u>e</u> |
| 3) $9800 \div 100$ | c) 10 | 3- <u>d</u> |
| 4) $0 \div 51$ | d) 98 | 4- <u>b</u> |
| 5) $780 \div 10$ | e) 1 | 5- <u>a</u> |

Q-6 Divide the following:

1) $3858 \div 4$

$$\begin{array}{r} 964 \\ 4 \overline{) 3858} \\ \underline{-36} \\ 025 \\ \underline{-24} \\ 018 \\ \underline{-16} \\ 02 \end{array}$$

Q = 964
R = 2

2) $5796 \div 16$

$$\begin{array}{r} 362 \\ 16 \overline{) 5796} \\ \underline{-48} \\ 099 \\ \underline{-96} \\ 36 \\ \underline{-32} \\ 04 \end{array}$$

Q = 362
R = 4

Basu



$$3) 2789 \div 100$$

$$(4) 5873 \div 80$$

$$\begin{array}{r} 27 \\ 100 \overline{) 2789} \\ \underline{200} \downarrow \\ 0789 \\ \underline{700} \\ 89 \end{array}$$

$$Q = 27$$

$$R = 89$$

$$\begin{array}{r} 73 \\ 80 \overline{) 5873} \\ \underline{560} \downarrow \\ 0273 \\ \underline{240} \\ 033 \end{array}$$

$$Q = 73$$

$$R = 33$$

Q:7 Application based sums:

- (1) Mrs. Sharma had 195 circular beads. She kept 41 aside and made 7 necklaces with equal number of beads from the remaining beads. How many beads does each necklace have?

$$\text{Total number of beads} = 195$$

$$\begin{aligned} \text{Beads used for necklaces} &= 195 - 41 \\ &= 154 \end{aligned}$$

She made 7 necklaces with equal number of beads from the remaining beads.

$$\begin{aligned} \text{So, number of beads in each necklace} \\ &= 154 \div 7 = 22 \text{ beads} \end{aligned}$$

$$\begin{array}{r} 22 \\ 7 \overline{) 154} \\ \underline{14} \downarrow \\ 014 \\ \underline{14} \\ 00 \end{array}$$

$$Q = 22$$

$$R = 0$$

- (2) Raj took 4 rolls of film to a camp. Each roll could capture 25 pictures. If he took 44 pictures then how many complete rolls and pictures were left to be used?

$$\text{Total number of rolls} = 4$$

$$\text{Each roll could capture 25 pictures.}$$

$$\begin{aligned} \text{Total number of pictures in 4 rolls} &= 4 \times 25 \\ &= 100 \end{aligned}$$

He took 44 pictures.

$$\begin{aligned} \text{So, complete rolls and pictures were left} \\ \text{to be used} &= 100 - 44 = 56 \div 25 \end{aligned}$$

$$= 2 \text{ rolls, 6 pictures}$$

$$\begin{array}{r} 2 \\ 25 \overline{) 56} \\ \underline{50} \\ 06 \end{array}$$

$$Q = 2$$

$$R = 6$$

- (3) There are 6000 newspapers. 89 newspaper boys deliver these papers to various areas. How many newspapers does each boy deliver and how many are left?

$$\text{Total number of newspapers} = 6000$$

$$\text{Number of boys} = 89$$

$$\begin{aligned} \text{So, number of newspapers delivered} \\ \text{by each boy} &= 6000 \div 89 \end{aligned}$$

$$= 67$$

$$\text{Newspapers left} = 37$$

$$\begin{array}{r} 67 \\ 89 \overline{) 6000} \\ \underline{534} \downarrow \\ 0660 \\ \underline{623} \\ 037 \end{array}$$

$$Q = 67$$

$$R = 37$$