

class - 3

Subject - Maths

GENIUS	Page No.:
Date:	/ /

CH - 05

DIVISION

Quotient
Divisor) Dividend

Remainder

Defination :-

1) Dividend :- The number that is to be divide.

2) Divisor :- The number that divide the dividend

3) Remainder :- The number left over after division.

4) Quotient :- The answer we get after division

Level - I

1) $4 \div 2$

$$\begin{array}{r} 2 \\ 2 \overline{) 4} \\ \underline{4} \\ 0 \end{array}$$

2) $8 \div 4$

$$\begin{array}{r} 2 \\ 4 \overline{) 8} \\ \underline{8} \\ 0 \end{array}$$

3) $6 \div 2$

4) $6 \div 3$

5) $8 \div 2$

Level - II

1) $10 \div 5$

$$\begin{array}{r} 2 \\ 5 \overline{) 10} \\ \underline{10} \\ 0 \end{array}$$

2) $15 \div 3$

$$\begin{array}{r} 5 \\ 3 \overline{) 15} \\ \underline{15} \\ 0 \end{array}$$

3) $81 \div 9$

4) $20 \div 4$

5) $16 \div 4$

6) $18 \div 9$

7) $35 \div 7$

8) $25 \div 5$

Level - III

1) $25 \div 3$

$$\begin{array}{r} 8 \\ 3 \overline{) 25} \\ \underline{24} \\ 1 \end{array}$$

2) $17 \div 2$

$$\begin{array}{r} 8 \\ 2 \overline{) 17} \\ \underline{16} \\ 1 \end{array}$$

3) $31 \div 5$

4) $29 \div 3$

5) $39 \div 4$

6) $26 \div 5$

7) $49 \div 6$

8) $79 \div 8$

9) $66 \div 7$

Level - IV

1) $78 \div 6$

$$\begin{array}{r} 13 \\ 6 \overline{) 78} \\ \underline{6} \\ 18 \\ \underline{18} \\ 0 \end{array}$$

2) $48 \div 4$

$$\begin{array}{r} 12 \\ 4 \overline{) 48} \\ \underline{4} \\ 08 \\ \underline{8} \\ 0 \end{array}$$

3) $93 \div 3$

4) $72 \div 4$

Recap

1) $10 \div 5$

2) $17 \div 3$

3) $35 \div 7$

4) $68 \div 8$

5) $27 \div 2$

Level - V

1) $888 \div 8$

$$\begin{array}{r}
 111 \\
 8 \overline{) 888} \\
 \underline{8} \downarrow \\
 08 \\
 \underline{8} \downarrow \\
 08 \\
 \underline{8} \\
 0
 \end{array}$$

2) $246 \div 2$

$$\begin{array}{r}
 123 \\
 2 \overline{) 246} \\
 \underline{2} \\
 04 \\
 \underline{4} \\
 06 \\
 \underline{6} \\
 0
 \end{array}$$

3) $847 \div 2$

4) $769 \div 3$

5) $879 \div 4$

6) $565 \div 5$

Word Problem :-

Example :- 5 friends shared their dinner bill of ₹ 500 equally among themselves. How much did each share.

$$\Rightarrow ₹ 500 \div 5$$

$$\Rightarrow ₹ 100.$$

CHECKPOINT: 5E FS

1) Total daffodil flower = 125
Each student made 5 flowers.

No. of students in the class = $125 \div 5$

$$\begin{array}{r} 25 \\ 5 \overline{) 125} \\ \underline{10} \\ 25 \\ \underline{25} \\ 0 \end{array}$$

Thus, there are 25 students in class.

2) A cow has 4 legs
no. of legs counted = 392

No. of Cows = $392 \div 4$

$$\begin{array}{r} 98 \\ 4 \overline{) 392} \\ \underline{36} \\ 32 \\ \underline{32} \\ 0 \end{array}$$

So, there are 98 cows in the shed.

- 3) Total no. of chairs = 747
 Chairs present in each row = 9
 No. of chairs in column
 $= 747 \div 9$

$$\begin{array}{r} 9 \overline{) 747} \quad 83 \\ - 72 \downarrow \\ \hline 27 \\ - 27 \\ \hline 0 \end{array}$$

So, there are 83 chairs in each column

- 4) Total flowers = 1052
 Bunch made = 4
 Guest arrived = $1052 \div 4$

$$\begin{array}{r} 263 \\ 4 \overline{) 1052} \\ - 8 \\ \hline 25 \\ - 24 \\ \hline 12 \\ - 12 \\ \hline 0 \end{array}$$

So, 263 guests welcomed.

5) 1 hour = 60 minutes
 1800 minutes = 30 hours.

$$\frac{1800}{60} = \frac{180}{6} = 180 \div 6$$

$$\begin{array}{r} 30 \\ 6 \overline{) 180} \\ \underline{18} \\ 00 \\ \underline{0} \\ 0 \end{array}$$

Q6, 7, 9
 to be solved
 by students

Extra Question

Q1.) 125 cold drink bottles were packed in 5 bottles boxes. Find the number of bottles in each box.

Q2.) A shopkeeper bought 3 varieties of cakes. If there are 27 cakes in all, then, how many cake of each variety did he buy?

Checkpoints to be given as Homework & students have to solve it.