

DELHI MODERN PUBLIC SCHOOL, PAMPORE

Class: 4th

Subject: Math

Chapter no. 4

Topic: Division

NOTE: Dear students as you know that there are only two chapters of your math subject in Term Ist and you have been already provided with the study material of both cahpters. Now in this Pdf I will solve some more questions of chapter Ist I,e Division for you . Hope this will help you.

INNINGS 4.1

Q1. Perform the following divisions:

f)

Sol: $7548 \div 4$

$$\begin{array}{r} 4 \overline{) 7548} \quad 1887 \\ \underline{4} \\ 35 \\ \underline{32} \\ 34 \\ \underline{32} \quad \text{Quotient= 1887} \\ 28 \quad \text{Remainder=0} \\ \underline{28} \\ 0 \end{array}$$

Q6:

Sol: An encyclopedia has 7 units containing equal pages

The total number of pages in encyclopedia = 1092

Therefore, the number of pages under each unit= $1092 \div 7$

$$\begin{array}{r} 7 \overline{) 1092} \quad 156 \\ \underline{7} \\ 39 \\ \underline{35} \\ 42 \\ \underline{42} \\ 0 \end{array}$$

$$\frac{\quad}{0}$$

Therefore, number of pages under each unit = 156

INNINGS 4.2

Q1: Perform the following division:

b)

sol: $2058 \div 16$

$$\begin{array}{r} 16 \overline{) 2058} \quad | \quad 128 \\ \underline{16} \\ 45 \\ \underline{32} \\ 138 \quad \text{Quotient} = 128 \\ \underline{128} \quad \text{Remainder} = 10 \\ 10 \end{array}$$

Q6:

Sol: The total number of cards Akshay has = 856

He distributes these card equally among his 7 friends.

Therefore, the number of cards left with him = $856 \div 7$

$$\begin{array}{r} 7 \overline{) 856} \quad | \quad 122 \\ \underline{7} \\ 15 \\ \underline{14} \\ 16 \\ \underline{14} \\ 2 \end{array}$$

Therefore, 2 cards will left with Akshay after distribution.

INNINGS 4.3

Q1: Using rules of division by 10

g)

Sol: $998 \div 10$

$$\begin{array}{r} 10 \overline{) 998} \quad | \quad 99 \\ \underline{90} \\ 98 \quad \text{Quotient} = 99 \\ \underline{90} \quad \text{Remainder} = 8 \\ 8 \end{array}$$

Q2: Using the rules of division by 100:

h)

Sol: $8888 \div 100$

$$\begin{array}{r} 100 \overline{) 8888} \mid 88 \\ \underline{800} \\ 88 \\ \underline{800} \\ 88 \end{array} \quad \begin{array}{l} \text{Quotient}=88 \\ \text{Remainder}=88 \end{array}$$

Q3: Using the rules of division by 1000:

b)

Sol: $2655 \div 1000$

$$\begin{array}{r} 1000 \overline{) 2655} \mid 2 \\ \underline{2000} \\ 655 \end{array} \quad \begin{array}{l} \text{Quotient}=2 \\ \text{Remainder}=655 \end{array}$$

INNINGS 4.5

Q1: Apply the rule of DMAS to solve the following expressions:

DMAS stands for Division, Multiplication, Addition, Subtraction.

b) $5+4-3 \times \underbrace{6 \div 3}$ Division in first step

$5+4-3 \times \underbrace{2}$ Multiplication in 2nd steps

$\underbrace{5+4} - 6$ Addition in 3rd step

$9 - 6$ Subtraction in last step
 $= 3$