

Worksheet-2

Subject: - Mathematics

Class: - V

Teacher: - Mrs. Poonam Sunil

Name: \_\_\_\_\_ Class &amp; Sec: \_\_\_\_\_ Roll No. \_\_\_\_\_ Date: 22.07.2020

Good Morning Students! In the previous class, I have explained you properties of division. So today we will do division sums.

Example: Divide 478234 by 234

$$\begin{array}{r}
 234 \overline{) 478234} \quad 2043 \\
 \underline{-468} \downarrow \\
 1023 \\
 \underline{-936} \downarrow \\
 874 \\
 \underline{-702} \\
 172
 \end{array}$$

Quotient = 2043, Remainder = 172

Ex-3(c)

Q2 Find quotient and remainder, and check your answer.  
 Quotient  $\times$  Divisor + Remainder = Dividend

a)  $68345 \div 35$

$$\begin{array}{r}
 35 \overline{) 68345} \quad 1952 \\
 \underline{35} \downarrow \\
 333 \\
 \underline{315} \downarrow \\
 184 \\
 \underline{175} \downarrow \\
 095 \\
 \underline{70} \\
 25
 \end{array}$$

Quotient = 1952, Remainder = 25

To Check: -  
 Dividend = Quotient  $\times$  Divisor  
 + Remainder

$$\begin{array}{r}
 \begin{array}{r}
 21 \\
 421 \\
 1952
 \end{array} \\
 \textcircled{1} \textcircled{1} \times 35 \\
 \underline{9760} \\
 5856 \times \\
 \underline{68320}
 \end{array}
 \quad
 \begin{array}{r}
 68320 \\
 +25 \\
 \hline
 68345
 \end{array}$$

b)  $72360 \div 81$

$$\begin{array}{r}
 81 \overline{) 72360} \quad 893 \\
 \underline{648} \downarrow \\
 756 \\
 \underline{729} \downarrow \\
 270 \\
 \underline{243} \\
 27
 \end{array}$$

Quotient = 893, Remainder = 27

To Check: -  
 Dividend = Quotient  $\times$  Divisor  
 + Remainder

$$\begin{array}{r}
 72 \\
 893 \\
 \times 81 \\
 \hline
 893 \\
 7144 \times \\
 \hline
 72333 \\
 + 27 \\
 \hline
 72360
 \end{array}$$

c)  $29375 \div 79$

$$\begin{array}{r}
 79 \overline{) 29375} \quad 371 \\
 \underline{237} \downarrow \\
 567 \\
 \underline{553} \downarrow \\
 145 \\
 \underline{79} \\
 66
 \end{array}$$

Quotient = 371, Remainder = 66

To Check: -  
 Dividend = Quotient  $\times$  Divisor  
 + Remainder

$$\begin{array}{r}
 371 \\
 \times 79 \\
 \hline
 3339 \\
 2597 \times \\
 \hline
 29309 \\
 + 66 \\
 \hline
 29375
 \end{array}$$

d)  $40135 \div 450$

$$\begin{array}{r}
 450 \overline{) 40135} \quad 89 \\
 \underline{3600} \downarrow \\
 4135 \\
 \underline{4050} \\
 85
 \end{array}$$

Quotient = 89, Remainder = 80

To Check  
 Dividend = Quotient  $\times$  Divisor  
 + Remainder

$$\begin{array}{r}
 450 \\
 \times 89 \\
 \hline
 4050 \\
 3600 \times \\
 \hline
 40050 \\
 + 85 \\
 \hline
 40135
 \end{array}$$

Good Afternoon  
 Students!

x ————— x