

TENDER HEART HIGH SCHOOL, SEC-33B, CHD

Class: III

Subject: Mathematics

PAGE No  
DATE: / / 202

Topic: Division

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Good Morning Students

This is the notebook work of  
Ch - Division from your book  
'Be a Maths star', and is being  
presented to you on 19.08.2024.

Ch - Division

Checking Division

In any division problem,

$$\text{Quotient} \times \text{Divisor} + \text{Remainder} = \text{Dividend}$$

Example: Divide 29 by 4, check your answer.

$$\begin{array}{r} 07 \\ 4 \overline{) 29} \\ \underline{-0} \downarrow \\ 29 \\ \underline{-28} \\ 01 \end{array}$$

Let us check the answer

$$\begin{array}{c} \downarrow \\ \text{Quotient} \end{array} \times \begin{array}{c} \downarrow \\ \text{Divisor} \end{array} + \begin{array}{c} \downarrow \\ \text{Remainder} \end{array} = \begin{array}{c} \downarrow \\ \text{Dividend} \end{array}$$

$$7 \times 4 + 1 = 29$$

$$28 + 1 = 29$$

$$29 = 29$$

Ex 5.9 (pg no. 94)

B. Find the quotient and the remainder.  
check your answer.

1.  $42 \div 5$

$$\begin{array}{r} 08 \\ 5 \overline{) 42} \\ - 0 \downarrow \\ 42 \\ - 40 \\ \hline 02 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{aligned} 08 \times 5 + 2 &= 42 \\ 40 + 2 &= 42 \\ 42 &= 42 \end{aligned}$$

2.  $19 \div 2$

$$\begin{array}{r} 09 \\ 2 \overline{) 19} \\ - 0 \downarrow \\ 19 \\ - 18 \\ \hline 01 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{aligned} 09 \times 2 + 01 &= 19 \\ 18 + 1 &= 19 \\ 19 &= 19 \end{aligned}$$

3.  $26 \div 3$

$$\begin{array}{r} 08 \\ 3 \overline{) 26} \\ - 0 \downarrow \\ 26 \\ - 24 \\ \hline 02 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{aligned} 08 \times 3 + 2 &= 26 \\ 24 + 2 &= 26 \\ 26 &= 26 \end{aligned}$$

4.  $27 \div 4 =$

$$\begin{array}{r} 06 \\ 4 \overline{) 27} \\ - 0 \downarrow \\ 27 \\ - 24 \\ \hline 03 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{aligned} 06 \times 4 + 03 &= 27 \\ 24 + 3 &= 27 \\ 27 &= 27 \end{aligned}$$

5.  $68 \div 3$

$$\begin{array}{r} 22 \\ 3 \overline{) 68} \\ \underline{-6} \downarrow \\ 08 \\ \underline{-6} \\ 02 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{array}{rcl} 22 \times 3 & + & 2 = 68 \\ 66 & + & 2 = 68 \\ 68 & & = 68 \end{array}$$

6.  $48 \div 4$

$$\begin{array}{r} 12 \\ 4 \overline{) 48} \\ \underline{-4} \downarrow \\ 08 \\ \underline{-8} \\ 00 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{array}{rcl} 12 \times 4 & + & 0 = 48 \\ 48 & & = 48 \end{array}$$

7.  $85 \div 2$

$$\begin{array}{r} 42 \\ 2 \overline{) 85} \\ \underline{-8} \downarrow \\ 05 \\ \underline{-4} \\ 01 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{array}{rcl} 42 \times 2 & + & 01 = 85 \\ 84 & + & 01 = 85 \\ 85 & & = 85 \end{array}$$

8.  $62 \div 8$

$$\begin{array}{r} 07 \\ 8 \overline{) 62} \\ \underline{-0} \downarrow \\ 56 \\ \underline{-56} \\ 06 \end{array}$$

Quotient  $\times$  Divisor + Remainder = Dividend

$$\begin{array}{rcl} 07 \times 08 & + & 06 = 62 \\ 56 & + & 06 = 62 \\ 62 & & = 62 \end{array}$$

• Complete the above sent work in your notebook.