

## Division without Remainder



**Let us divide 12 by 2.**

Write 12 and 2 at the correct places as shown here.

$$\begin{array}{r} \phantom{00} 12 \\ 2 \overline{) \phantom{00}} \end{array}$$

→ Dividend  
↑ Divisor

**Step 1:** Recall the table of the divisor 2 till you get the dividend 12.

$2 \times 1 = 2$

$2 \times 2 = 4$

$2 \times 3 = 6$

$2 \times 4 = 8$

$2 \times 5 = 10$

$2 \times 6 = 12$

**Step 2:** Since  $2 \times 6 = 12$ , write 6 at the top and 12 below

the dividend as shown.

$$\begin{array}{r} \phantom{00} 12 \\ 2 \overline{) \phantom{00}} 6 \\ \underline{- 12} \phantom{0} \\ \phantom{00} 0 \end{array}$$

← Quotient

**Step 3:** Subtract 12 from 12. You will get 0. So, 6 is the **quotient**.



**Let us divide 15 by 3.**

Write 15 and 3 at the correct places as shown here.

$$\begin{array}{r} \phantom{00} 15 \\ 3 \overline{) \phantom{00}} \end{array}$$

→ Dividend  
↑ Divisor

**Step 1:** Recall the table of the divisor 3 till you get the dividend 15.

$3 \times 1 = 3$

$3 \times 2 = 6$

$3 \times 3 = 9$

$3 \times 4 = 12$

$3 \times 5 = 15$

**Step 2:** Since  $3 \times 5 = 15$ , write 5 at the top and 15 below

the dividend as shown.

$$\begin{array}{r} \phantom{00} 15 \\ 3 \overline{) \phantom{00}} 5 \\ \underline{- 15} \phantom{0} \\ \phantom{00} 0 \end{array}$$

← Quotient

**Step 3:** Subtract 15 from 15. You will get 0. So, 5 is the **quotient**.