

## Division by 1-Digit Number



**Example:** Divide 4107 by 6.

**The steps we followed to divide a 4-digit number by a single digit number.**

**Step 1:** First we divide the 41 by 6, so  $6 \times 6 = 36$

Then,  $42 - 36 = 5$

**Step 2:** Then we drop down 0 with 5 now we get 50 then we  $6 \times 8 = 48$

So, now  $50 - 48 = 2$

**Step 3:** Then we drop down 7 with 2 now we get 27 then we  $6 \times 4 = 24$

So, now  $27 - 24 = 3$

**So, the remainder is 3.**

$$\begin{array}{r} 684 \\ 6 \overline{) 4107} \\ \underline{- 3600} \\ 507 \\ \underline{- 480} \\ 27 \\ \underline{- 24} \\ 3 \end{array}$$