Division by 2-Digit Number

Division of a 3-digit number by 2-digit number is same as division of 3-digit number by a 1 - digit number.

Let us understand with an example:

Example: Divide 645 by 21.

Solution:

Step 1: Since 6 < 21, therefore firstly we have to divide 64 by 21.

From multiplication table, we have

$21 \times 1 = 21$ $21 \times 2 = 42$

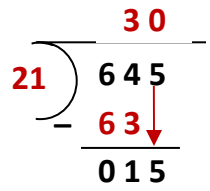
$21 \times 3 = 63$ $21 \times 4 = 84$

As, 63 < 65, so write 3 in the tens place of quotient and 63 below 64 and subtract

$64 - 63 = 1$

Step 2: Bring 5 down.

Step 3: 15 is less than 21 so a division is not possible. Put a 0 in the answer to show this division is not possible.



In the above question **quotient = 30**, **divisor = 21** and the **remainder = 15**