Multiplication: Multiplying a 2 Digit Number by a One Digit Number

3rd Class

```
  T  U
  4  3

x    3
_____

 12  9
```

* Start by multiplying the digits in the units column

* 3 x 3 = 9

* Therefore, we write 9 in the units column.

* Then multiply the 3 by the 4 Tens column. 3 x 4 = 12

We can add this under the tens

* Answer = 129

```
  T U
  6 2
+   9
   1
─────
5 5 8
```

* multiply the digits in the units column. So, we will multiply 2 units by 9 units.

* 9 x 2 =18.
We know 18 is 8 units and I ten.

* Therefore, the 8 goes in the units column and the 1 is carried over--place it in the tens column to be added later (just like carrying over when adding.

* Next, multiply the 9 by the 6 in the Tens column. 9 x 6 = 54.

* Don't forget to add the carried-over 1 to get a sum of 55.

* Finally, put this answer under your tens.

* Answer = 558

Here is two short video to help with multiplication

https://www.khanacademy.org/math/arithmetic/arith-review-multiply-divide/arith-review-multi-digit-mult/v/2-digit-times-1-digit-example-no-carrying

https://www.youtube.com/watch?v=SfxULALs_u8