

Class 5 Multiplication Help Sheet

- (1) When you want to multiply a two-digit number by a one-digit number, lay it out as shown below and **start with the red unit**:

T U	(1) First, do units x units	2 3	Here, 7 x 3 = 21
x U	(2) Then do units x tens	<u>x 27</u>	(So carry 2 tens and put <u>1</u> unit in the unit column)
		1 6 1	(7 x 2 = 14, remember to add the 2 you carried, making 16)

- (2) When you want to multiply a two-digit number by a two-digit number, lay it out as shown below and **start with the red unit**:

T U	(1) First, do units x units
<u> </u> x T U	(2) Then do units x tens
+ (UxT) ² (UxU) ¹	(3) Put down a zero to hold the place of the tens, and do tens x units
(TxT) ⁵ (TxU) ⁴ 0 ³	(4) Then do tens x tens
Answer here	(5) finally add your answers so far together to give your final answer

$$\begin{array}{r}
 23 \\
 \times 27 \\
 \hline
 161 \\
 + 460 \\
 \hline
 621
 \end{array}$$

Here is an example! Now you have a go