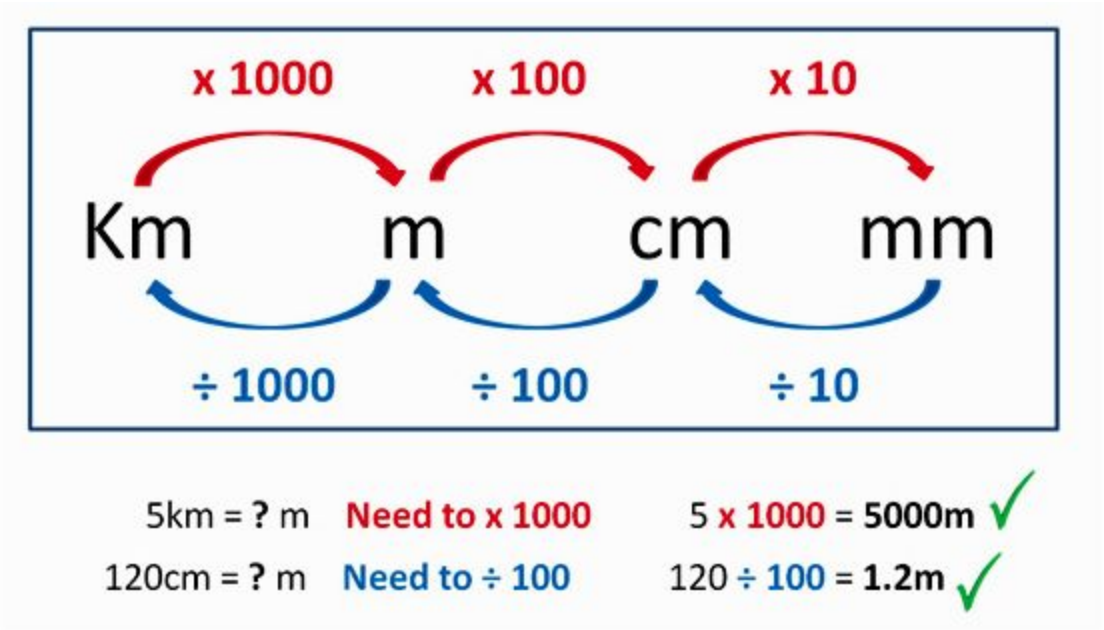
Converting Units of Measurement



Multiplying Decimals by 10

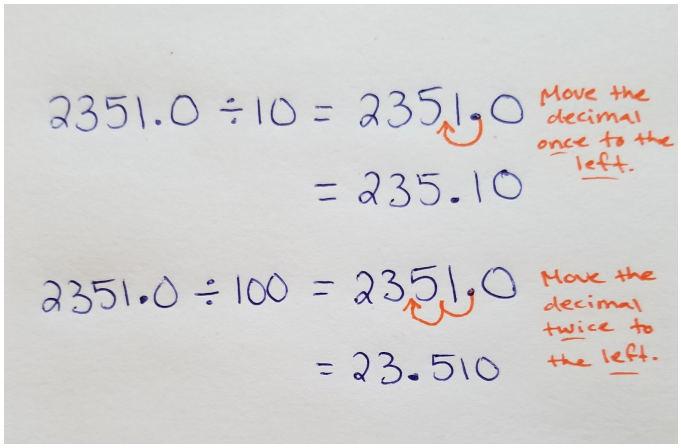
Move the decimal point one place to the right

3.14×10

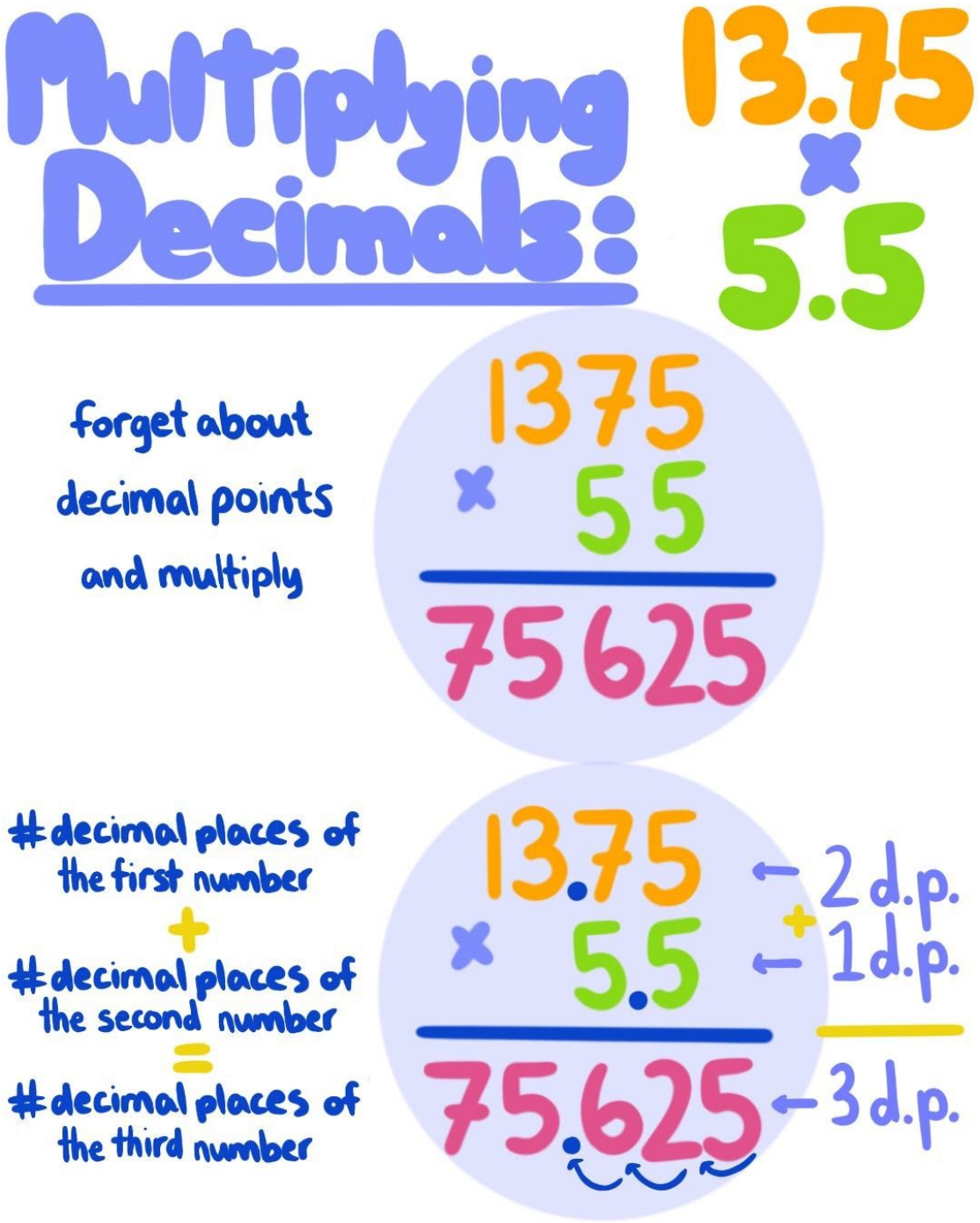
$= 3.14$

$= 31.4$

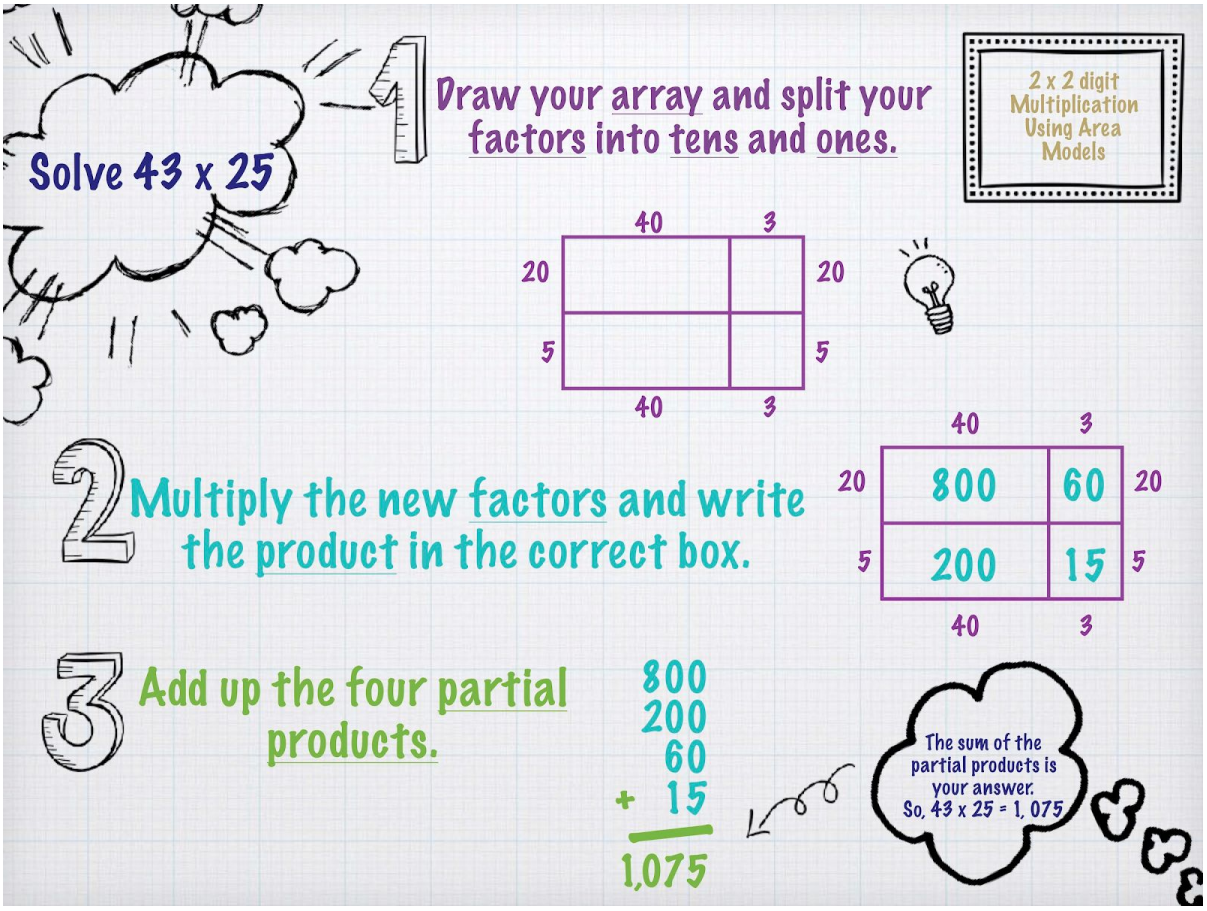
DIVIDING BY MULTIPLES OF 10



Multiplying Decimals



Multiplication



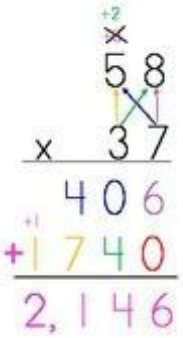
Multiplication Strategies
Partial Products

453

x 48

24	8 x 3
400	8 x 50
3,200	8 x 400
120	40 x 3
2,000	40 x 50
16,000	40 x 400
21,744	

Steps to Use the Standard Algorithm for Multiplication



1.) Multiply the ones in the bottom number times the ones in the top number. Regroup to the tens if needed.

2.) Multiply the bottom ones times the top tens. Add in any carries.

3.) Start a new answer line with a zero in the ones because you will be using the tens place.

4.) Multiply the tens in the bottom number times the ones in the top. Regroup if needed.

5.) Multiply the bottom tens times the top tens. Add in any carries.

6.) Add together your answer lines.