

L.O: I can multiply

What is multiplication?

Multiplication is when a number is added to itself several times.

e.g. 3×1 is 3 lots of 1 so $1 + 1 + 1 = 3$

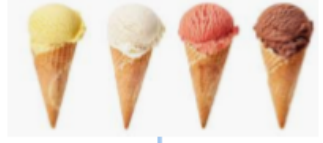
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Another example:

I have 4 ice-creams. If I want to multiply the ice-creams by 3, I need 3 lots of 4.



= ONE lot of 4

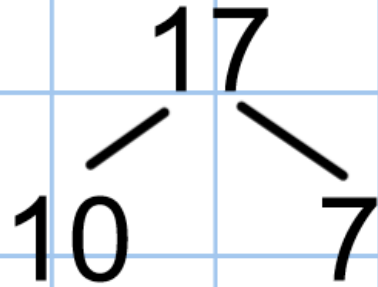


= 3 lots of 4 = 12

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$$17 \times 3 = ?$$

Step 1: Partition your two digit number



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$$17 \times 3 = ?$$

	T	U
x	10	7
3		

Step 2 You have partitioned your 2 digit number, now lay it out like this

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1 7 x 3 = ?

	T	U
x	10	7
3		21

Step 3: Now multiply your units by the 1 digit number. $7 \times 3 = 21$.

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$$17 \times 3 = ?$$

	T	U
x	10	7
3	30	21

Step 4: Now multiply your tens by the 1 digit number. $10 \times 3 = 30$.

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1 7 x 3 = ?

	T	U
x	10	7
3	30	21

Step 5: Now total your answers!

30 + 21 = 51

SO 17 x 3 = 51