

# Learning Objective: To double numbers up to 100 by partitioning

- I can double 2-digit numbers by partitioning
- I can double 3-digit numbers by partitioning
- I can double 3-digit numbers that cross the 1000's by partitioning

To double a number we add that number to itself.

For example:

To double **12** we add 12.

$$12 + 12 = 24$$



We can also double a number by multiplying it by 2.

For example:

To double **12** we multiply it by **2**.



$$12 \times 2 = 24$$

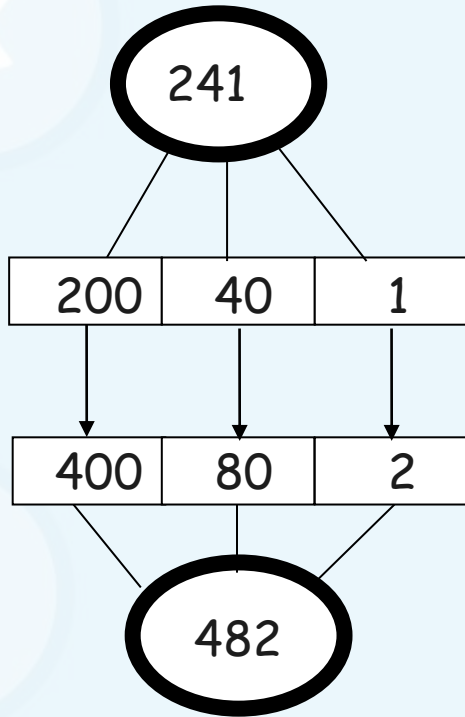


What is double 241?

Remember:

$$241 + 241$$

$$241 \times 2$$



What is double 241?

Remember:

$$241 + 241$$

$$241 \times 2$$

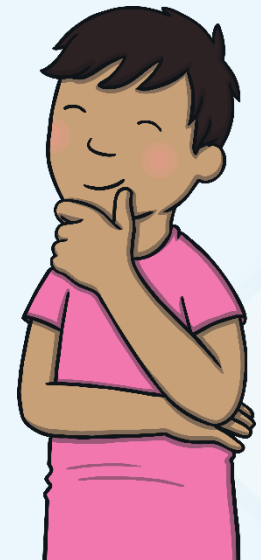
**482**

What is double 341

Remember:

$$341 + 341$$

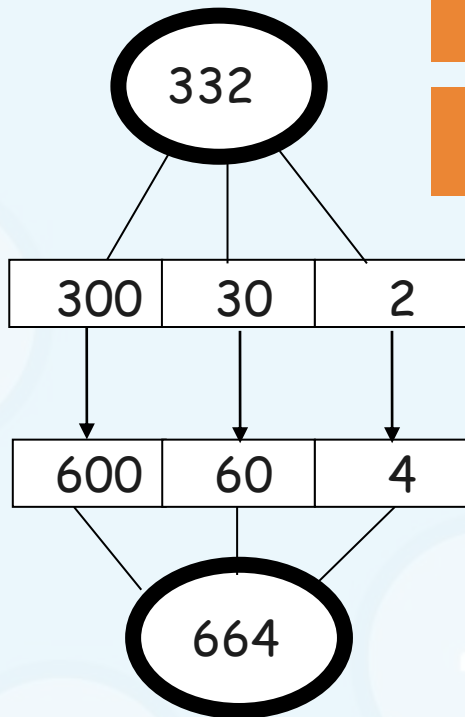
$$341 \times 2$$



What is double 341

Remember:

664



$$332 + 332$$

$$332 \times 2$$

$$\square \times 2 = 1240$$

For this calculation you will need to do the inverse of halving to find the answer.

4  
Half



$$1000 = 500$$

$$200 = 100$$

$$40 = 20$$

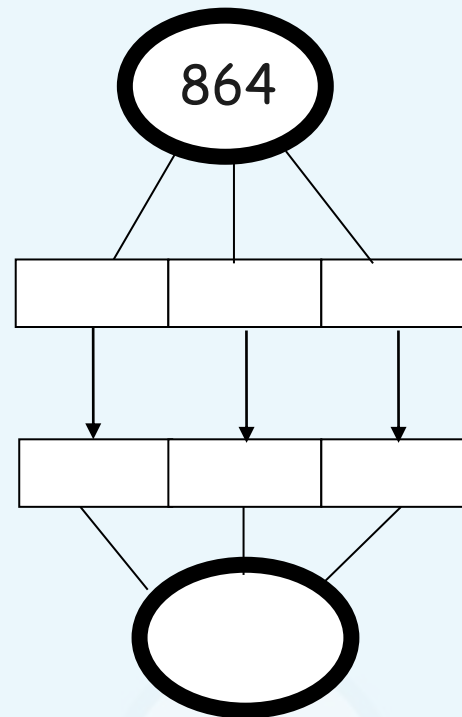
$$620$$



$$\square \times 2 = 864$$

For this calculation you will need to do the inverse of halving to find the answer.

4  
Half



$$\square \times 2 = 864$$

For this calculation you will need to do the inverse of halving the find the answer.

4  
Half



432

