

# Add Two 4-Digit Numbers (1)



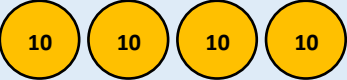





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## Activity 1

## Add Two 4-Digit Numbers (1)



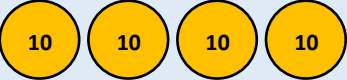





What numbers are shown here?

1,000s	100s	10s	1s
			
			

## Activity 1

## Add Two 4-Digit Numbers (1)

What numbers are shown here?

1,000s	100s	10s	1s
			
			



















= 1,341

= 3,123

Can you write this as an addition calculation?

# Activity 1

## Add Two 4-Digit Numbers (1)

1,000s	100s	10s	1s
	  	   	
  		 	  


















$$1,341 + 3,123 = 4464$$

Now try the question  $1,341 + 341$  in the same way.

## Activity 1

## Add Two 4-Digit Numbers (1)

Does yours look like this?

1,000s	100s	10s	1s
	  	   	
	  	   	


















$$1,341 + 341 =$$

What is the answer?

## Activity 1

## Add Two 4-Digit Numbers (1)

Does yours look like this?

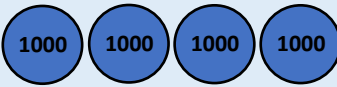


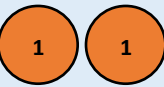

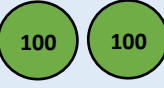

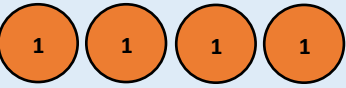
1,000s	100s	10s	1s
	  	   	
	  	   	

$$1,341 + 341 = 1,682$$

What is the answer?

## Activity 2

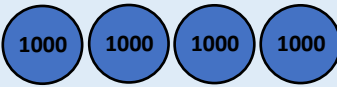


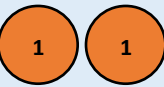

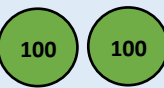


## Add Two 4-Digit Numbers (1)

1,000s	100s	10s	1s
			
			

Can you write this as a calculation with an answer?

## Activity 2

## Add Two 4-Digit Numbers (1)

1,000s	100s	10s	1s
			
			

Did you get this?

$$4,132 + 1,234 = 5366$$



## Activity 3

## Add Two 4-Digit Numbers (1)

Complete the missing numbers.

$$\begin{array}{r} + \quad 3 \square 6 \square \\ 3418 \\ \hline \square 8 \square 9 \end{array}$$

$$\begin{array}{r} + \quad \square \square 16 \\ 125 \square \\ \hline 82 \square 8 \end{array}$$

$$\begin{array}{r} + \quad 1 \square 20 \\ \square 04 \square \\ \hline 58 \square 4 \end{array}$$

$$\begin{array}{r} + \quad \square 9 \square 5 \\ 3 \square 31 \\ \hline 596 \square \end{array}$$

## Activity 3

## Add Two 4-Digit Numbers (1)

Mark your answers. How did you do?

$$\begin{array}{r} + \quad 3 \boxed{4} 6 \boxed{1} \\ \quad 3 \ 4 \ 1 \ 8 \\ \hline \boxed{6} \ 8 \ \boxed{7} \ 9 \end{array}$$

$$\begin{array}{r} + \quad \boxed{7} \boxed{0} 1 \ 6 \\ \quad 1 \ 2 \ 5 \ \boxed{2} \\ \hline \quad 8 \ 2 \ \boxed{6} \ 8 \end{array}$$

$$\begin{array}{r} + \quad 1 \ \boxed{8} 2 \ 0 \\ \quad \boxed{4} \ 0 \ 4 \ \boxed{4} \\ \hline \quad 5 \ 8 \ \boxed{6} \ 4 \end{array}$$

$$\begin{array}{r} + \quad \boxed{2} \ 9 \ \boxed{3} \ 5 \\ \quad 3 \ \boxed{0} \ 3 \ 1 \\ \hline \quad 5 \ 9 \ 6 \ \boxed{6} \end{array}$$

Zach adds 2 numbers together that total 8,888.



Both numbers  
have 4 digits.

All the digits in  
both numbers  
are even.

What could the numbers be?  
Prove it.  
How many ways can you find?

Zach adds 2 numbers together that total 8,888.



Both numbers  
have 4 digits.

All the digits in  
both numbers  
are even.

What could the numbers be?  
Prove it.

How many ways can you find?  
**There are more possible pairs.**

Possible  
answers:

$$4,444 + 4,444$$

$$4,488 + 4,400$$

$$4,448 + 4,440$$

$$4,884 + 4,004$$

$$4,484 + 4,404$$

$$4,848 + 4,040$$

$$4,844 + 4,044$$

$$4,888 + 4,000$$

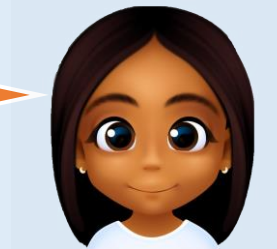
Two children completed the following calculation:  
 $2,345 + 453$

Tia



My answer is 2,698.

My answer is 6, 875.



Rosie

Both of the children have made a mistake in their calculations.

Calculate the actual answer to the question.

What mistakes did they make?

Two children completed the following calculation:  
 $2,345 + 453$

Tia



My answer is 2,698.

My answer is 6,875.



Rosie

Both of the children have made a mistake in their calculations.  
Calculate the actual answer to the question.

**2,798**

What mistakes did they make?

**Tia made a mistake in adding the hundreds, whilst Rosie made a mistake in placing the numbers properly.**