

# Dragon Add On

There are 12 numbers on this on this patch of dragon scales.

How many different ways can you make **2222**?

Pick 4 different scales (numbers) and add them together to try and total 2222.  
There are more than 5 different ways.



## Don't guess...

Estimate

What must the ones add up to?

Would it help to add numbers in pairs instead of all 4 at the same time?

Could subtraction help?

Is it better to start with larger numbers or smaller numbers?

## Written method...

$$\begin{array}{r} 3 \quad | \quad 2 \quad | \\ + \quad | \quad 4 \quad | \\ \hline 3 \quad 3 \quad 0 \quad 6 \\ \hline \quad | \quad | \end{array}$$

Line up digits carefully

Add digits in the ones column first (right)

Don't forget to exchange

## What strategy ...

Known facts

Mental strategy

Jottings

Written method