

Reasoning: addition and subtraction

How many ways?

Mental or written?

$$1062 + 1251$$

$$534 + 399$$

$$375 + 125$$

$$4085 + 46$$

$$\begin{array}{r}
 \square 8 \\
 + 2 \square \\
 \hline
 \square \square 6
 \end{array}$$

Fill in the missing digits.

Level 1: I can find a way

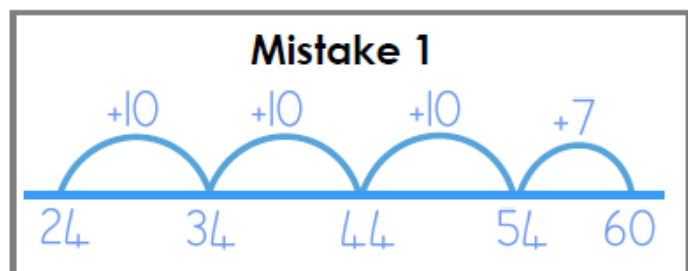
Level 2: I can find different ways

Level 3: I know how many ways there are

$$24 + 37$$

Mistake 2

$$\begin{array}{r}
 1 \\
 24 \\
 + 37 \\
 \hline
 51
 \end{array}$$



Mistake 3

$$24 + 37 = 511$$

I know... so...

$$437 + 285 = 722$$

$$722 - \underline{\quad} = 287$$

$$\underline{\quad} - 435 = 285$$

How many ways?

The missing numbers are positive whole numbers.

$$25 + \square = 32 - \square$$

Broken calculator

'The 9 and 5 keys on my calculator are broken!'

How can I use it to work out:

$$98 + 95$$

$$182 - 90$$

$$65 + 55$$