



Each blue pack holds 10 pencils. There are 4 packs of ten and 3 extras.

4 tens is 40, plus 3 more is 43!

43 pencils

4 packs of 10 pencils and 3 individual pencils.

Yellow packs hold 10 pencils, too. There are 2 packs of ten and 5 extras.

2 tens is 20, plus 5 more is 25!

25 Pencils

2 packs of 10 pencils and 5 individual pencils.

We can add $43+25$ to find the total.

How do we add $43+25$?

$43 + 25$

Let's add the packs of ten first...

...then the extras.

What is $43+25$?

We counted $4+2=6$ packs of ten, or 60 pencils.

And there are $3+5=8$ extras.

6 tens
= 60 pencils

$3+5$
= 8 pencils

That makes $60+8=68$ pencils.

$60+8$
= 68 pencils

But, weren't we trying to add $43+25$?

$43+25$

We did! We just added the tens and the extras separately.

I see!

To add $43+25$, we can add $40+20$ to get 60...

...and $3+5$ to get 8...

...then add those to get $60+8=68$.

$43+25$
= $40+20 + 3+5$
= $60 + 8$
= 68

Or...

...we can just add $4+2$ to get 6 tens...

...and $3+5$ to get 8 extras.

$$\begin{array}{r} 4+2=6 \\ 43+25=68 \\ 3+5=8 \end{array}$$

Yep. In a two-digit number like 68, the 6 is the **tens digit**. It stands for 6 tens.

The 8 is the **ones digit**. It stands for 8 ones. The ones are the extras that can't make a group of ten.

6 tens → 68

8 ones ← 68

When we add, we can think about the tens and the ones separately.

Try it! What's $38+56$?

$$38+56$$

Try it.