

21.09.2021

LO: To extend regrouping 'Think 100' and 'Think 1000' to adding 3 and 4 digit numbers

Vocabulary:

ones

tens

hundreds

thousands

equal

addition

subtraction

addend

sum

minuend

subtrahend

difference

inverse

commutative



THINK 100

What do I need to add to get to 100?

40

50

90

THINK 100

What is the next 100?

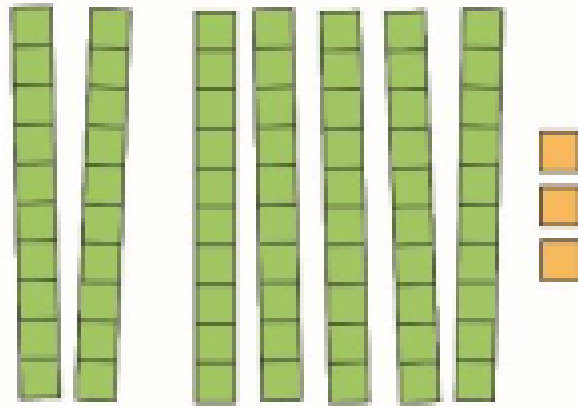
What do I need to add to get to the next 100?

340

950

890

$80 + 73$



can be regrouped into and

Rename the sum

$\square + \square = \square + \square$

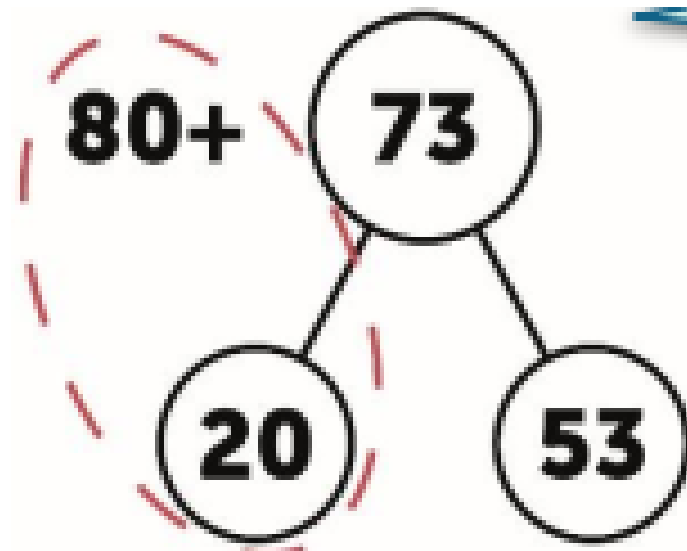
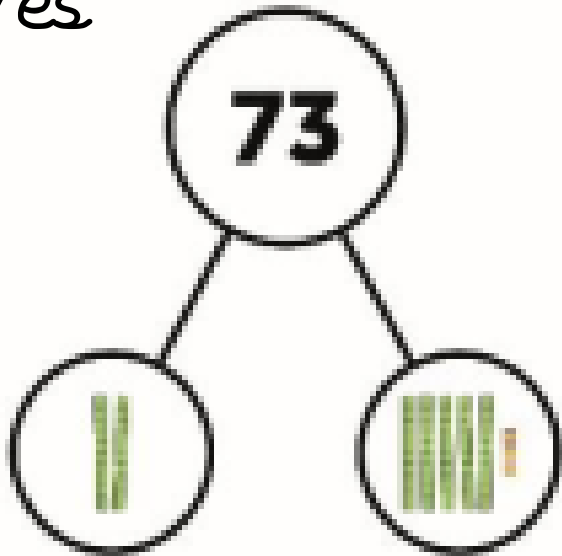
THINK 100

What do I need to add to 80 to make 100?

20

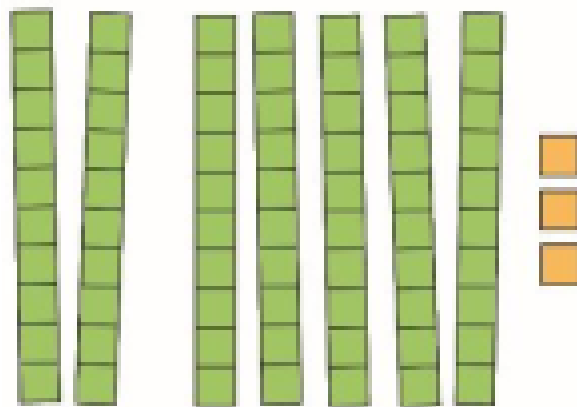
Can I regroup 73 into 20 + something?

Yes



153

$$80 + 73 = 153$$

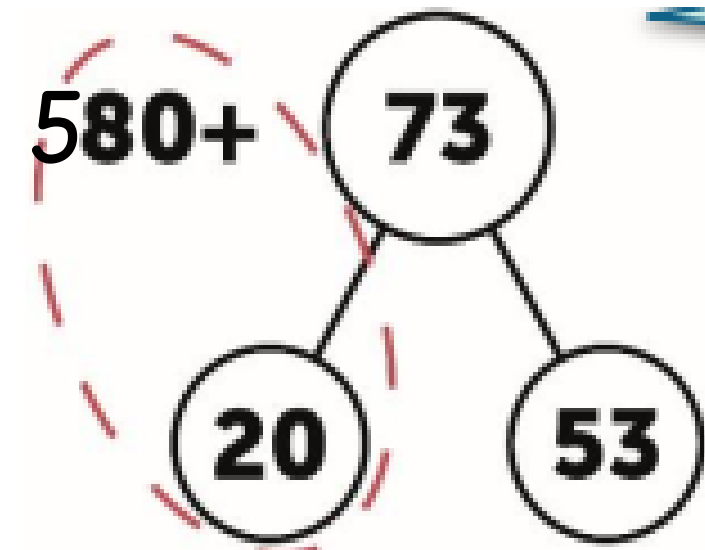


How can we use this to solve $580 + 73$?

$$580 + 73$$

THINK 100

can be regrouped into and
Rename the sum
 + = +



What do I need to add to 580 to make 600?

20

Can I regroup 73 into 20 + something?

Yes

653

What do you notice?

Now you try:

can be regrouped into and

Rename the sum

$$\square + \square = \square + \square$$

• $51 + 70$ (TIP - Think 100)

• Use it to help you solve $270 + 51$

Now you try:

can be regrouped into and

Rename the sum

$$\square + \square = \square + \square$$

$$86 + 770 \text{ (TIP Think 100)}$$

$$490 + 319$$

THINK 1000

What is the next 1000?

What do I need to add to get to the next 1000?

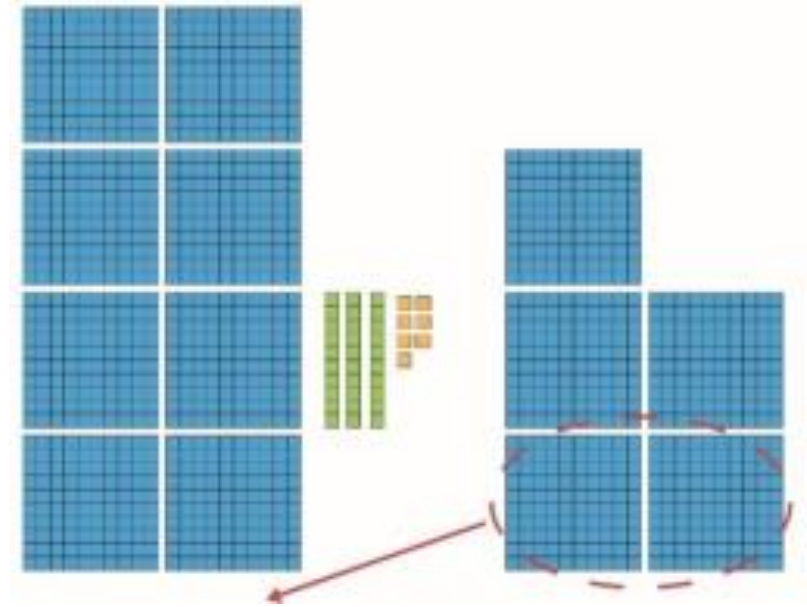
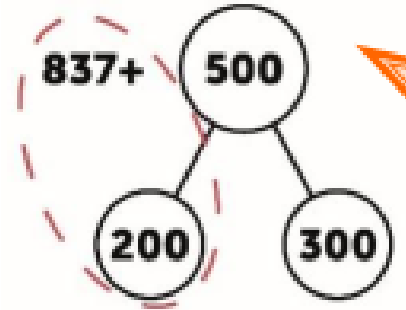
3400

9500

8900

Think 1000

$$837 + 500 =$$



THINK 1000

What do I need to add to 800 to make 1000?

200

Can I regroup 500 into 200 + something?

Yes

$$\begin{array}{r} 837 + 200 + 300 \\ \swarrow \quad \searrow \quad \downarrow \\ 1037 + 300 \end{array}$$

5 hundreds can be regrouped in to 3 hundreds and 2 hundreds.
 $837 + 500 = 1037 + 300$

1337

Think 1000

$$837 + 500 =$$

can be regrouped into and

Rename the sum

$$\square + \square = \square + \square$$

THINK 1000

What do I need to add to 500 to make 1000?

500

Can I regroup 837 into 500 + something?

Yes

$$500 + 337 + 500 =$$

$$1000 + 337$$

1337

$$837 + 500 = 1337$$

How can we use this to help us solve
 $2837 + 500$

THINK 1000

can be regrouped into and

Rename the sum

$$\square + \square = \square + \square$$

3337

THINK 1000

Now you try....

1) $4900 + 500 =$

2) What is the sum of three thousand, six hundred and twenty-two and seven hundred and one?

3)

