



THIRD SPACE
LEARNING

Ready-to-go Lesson Slides

Year 2

Place Value
Lesson 3

Aut1

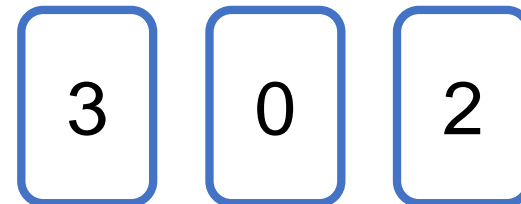
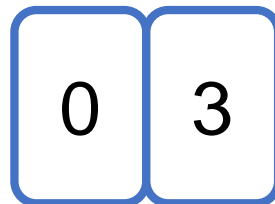
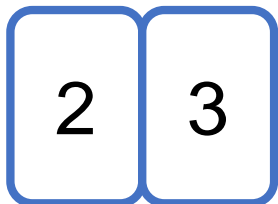
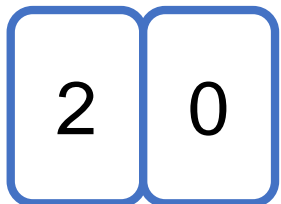
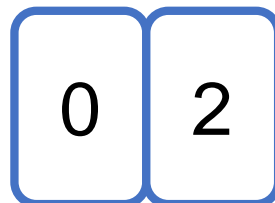
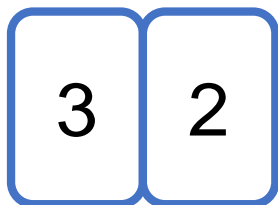
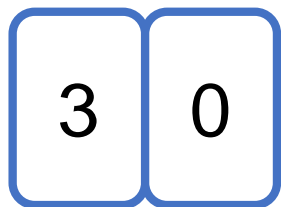
To partition numbers in different ways

- I can partition numbers to 100 in different ways
- I can explain the value of each digit in numbers to 100
- I can use this understanding to reason and solve

problems
Starter:

Riley has three digit cards. He is trying to make as many different two-digit numbers as he can. He has made six.

Is he right? Why? / Why not?



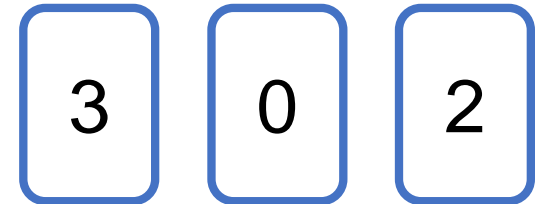
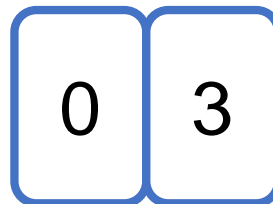
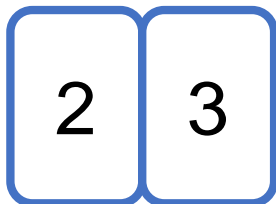
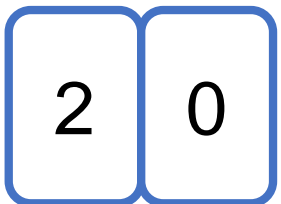
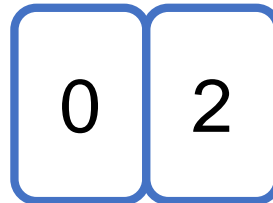
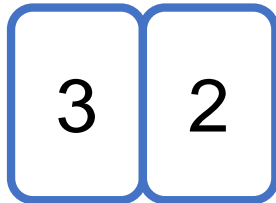
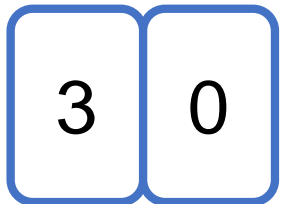
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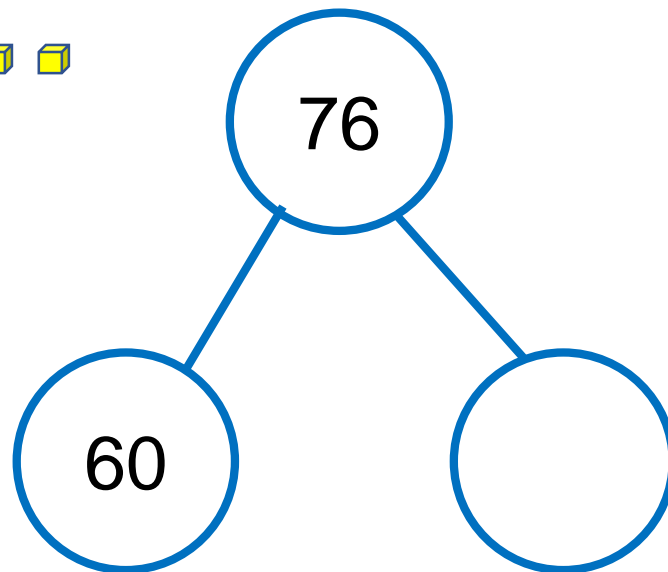
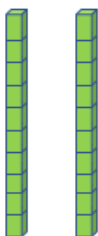
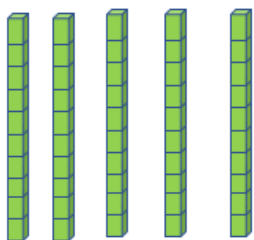
No, Riley is not correct.
There are only four answers.
02 and 03 are not two-digit numbers.

To partition numbers in different ways

Talking Time:

What is missing from this part-whole model?

How do you know?

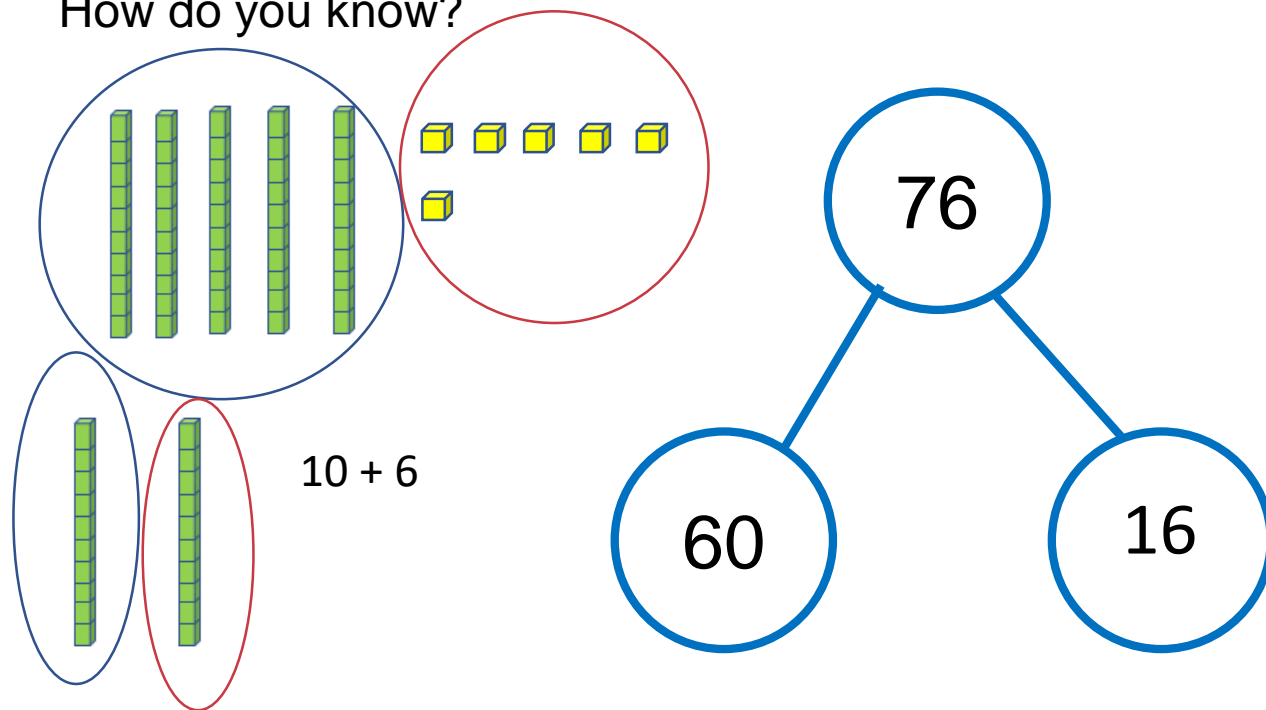


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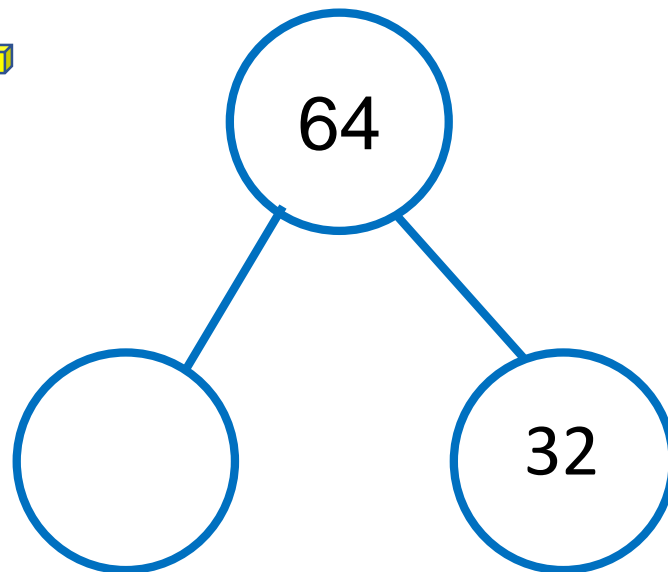
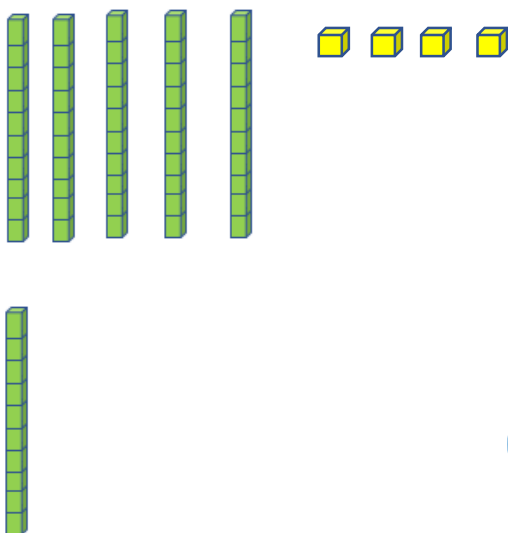


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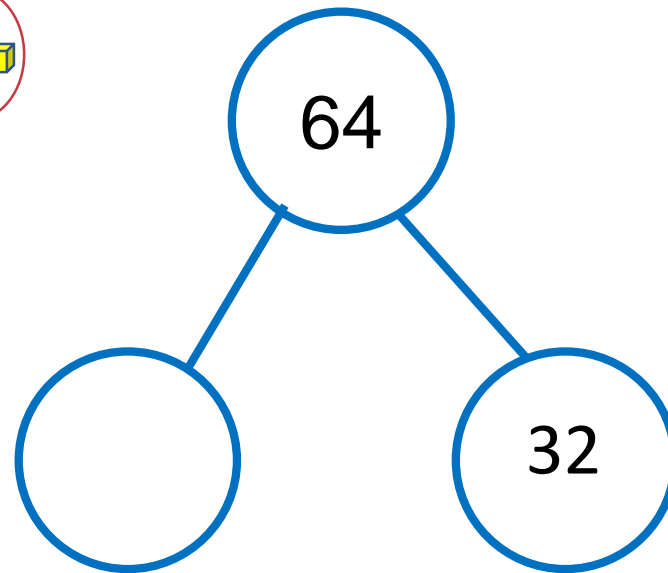
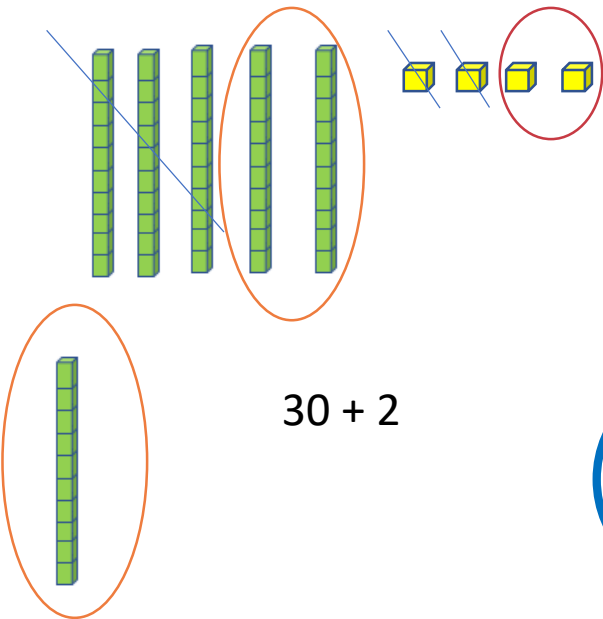
How do you know?



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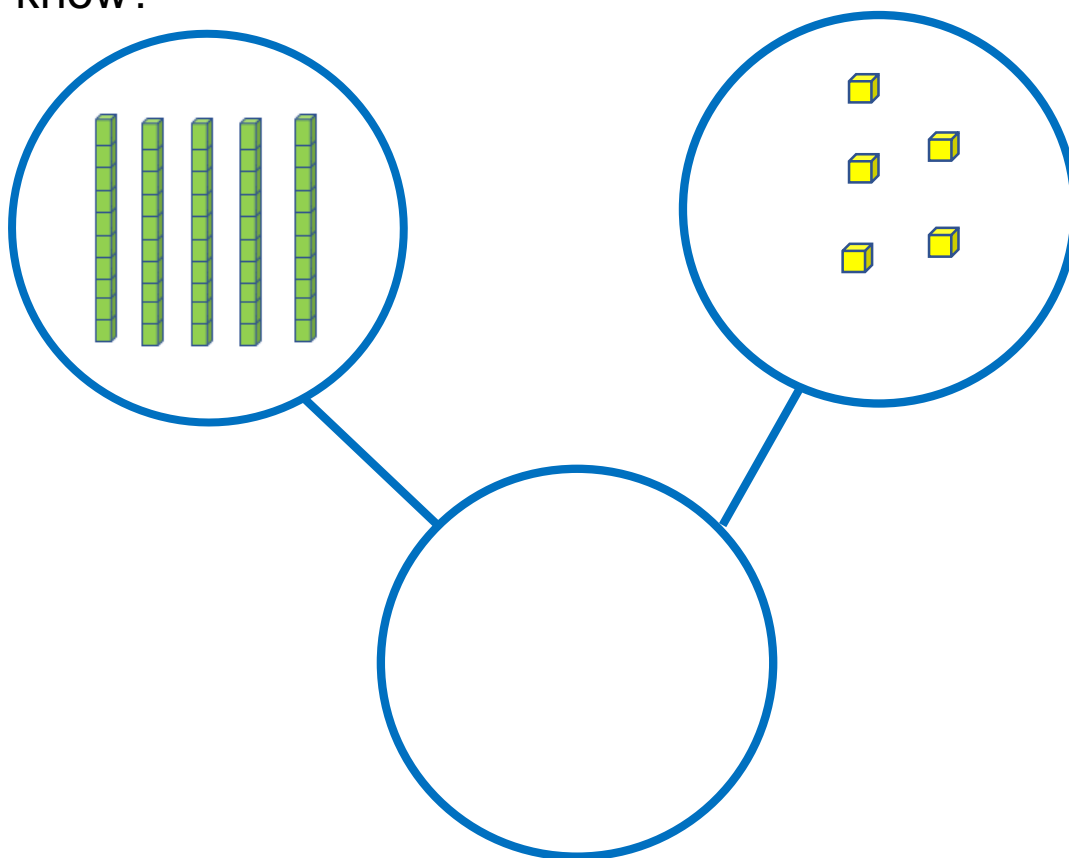


To partition numbers in different ways

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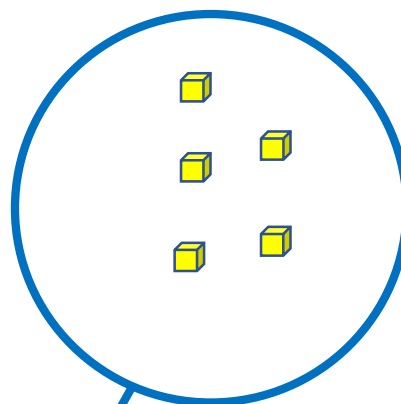
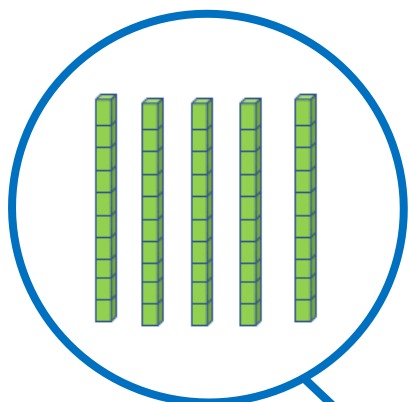
To partition numbers in different ways

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50



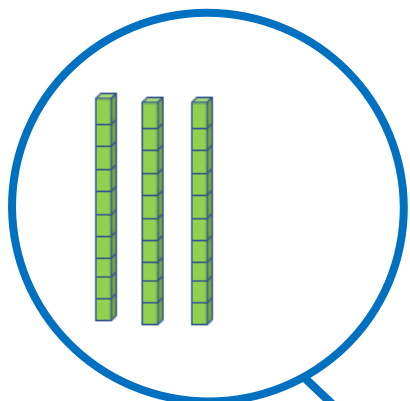
5 ones

5 tens and
5 ones =
55

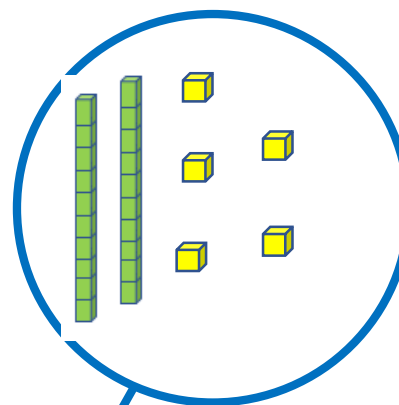
To partition numbers in different ways

Talking Time: let's look at another way to partition the number 55

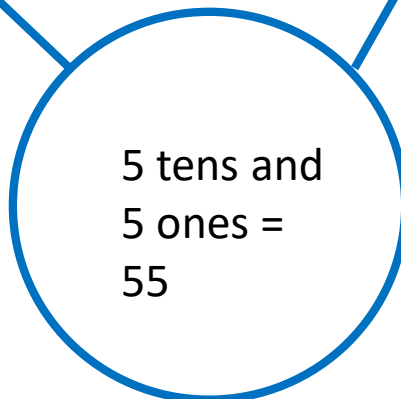
3 tens
or 30



2 tens and 5
ones



5 tens and
5 ones =
55



To partition numbers in different ways

Talking Time:

Here are some ice cube trays.

Draw a part-whole model with numbers to show how many ice cubes there are altogether.

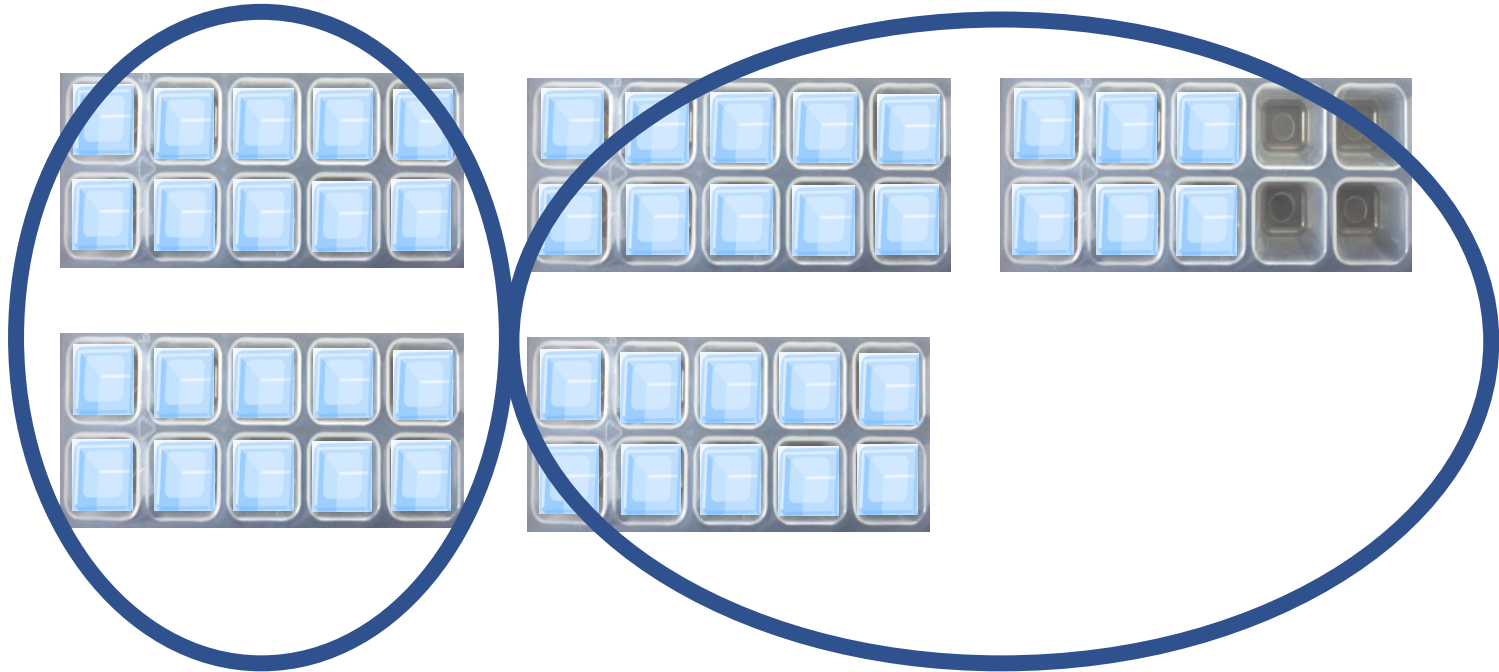


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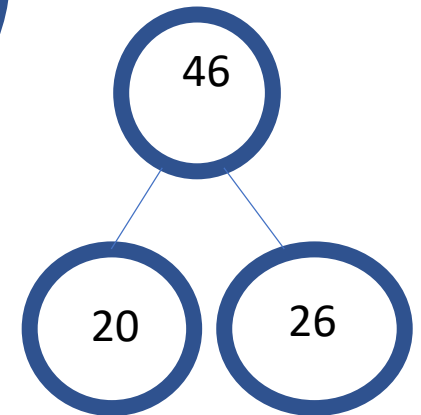
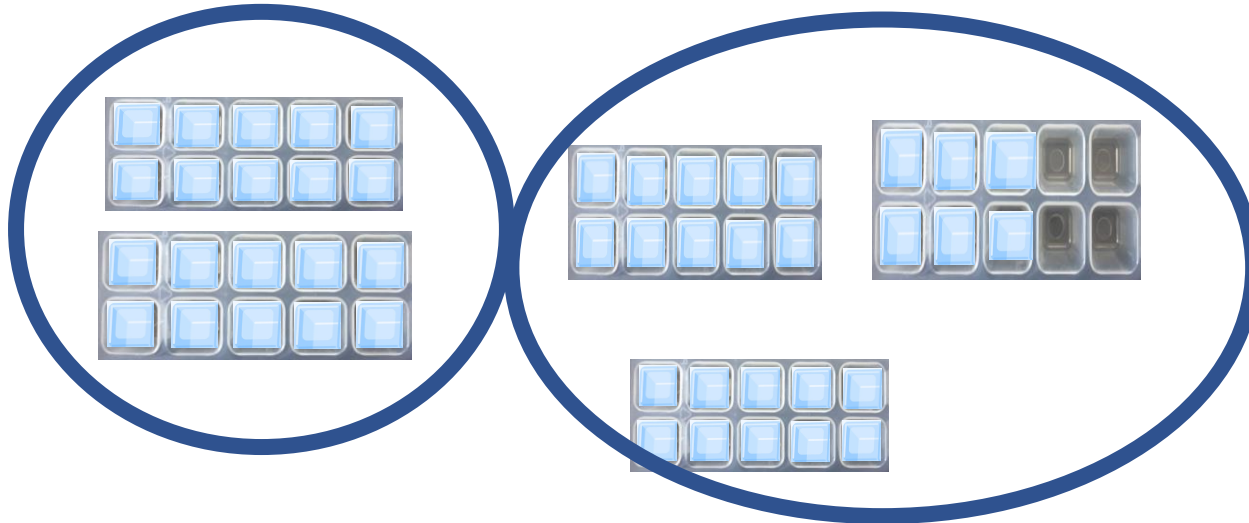


To partition numbers in different ways

Talking Time:

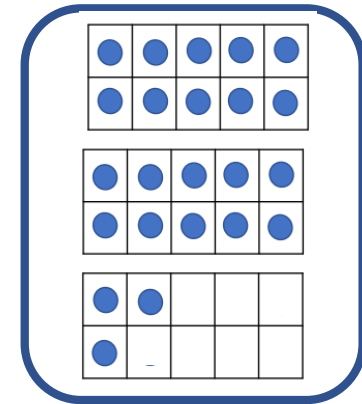
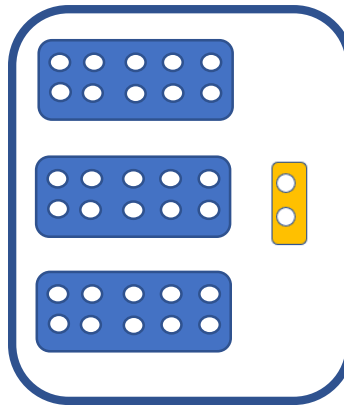
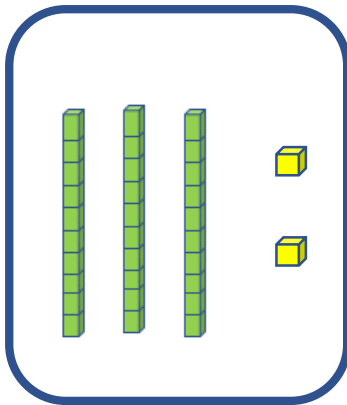
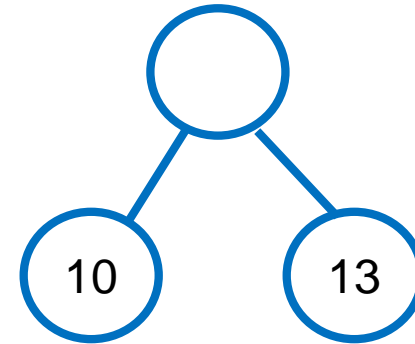
Here are some ice cube trays.

Draw a part-whole model with numbers to show how many ice cubes there are altogether.



To partition numbers in different ways

Here is a part-whole model.
Which of the three representations matches it?
Can you explain your choice?



To partition numbers in different ways

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Which of the three representations matches it?
Can you explain your choice?

The tens frames represent 23, but the other two examples represent 32.

