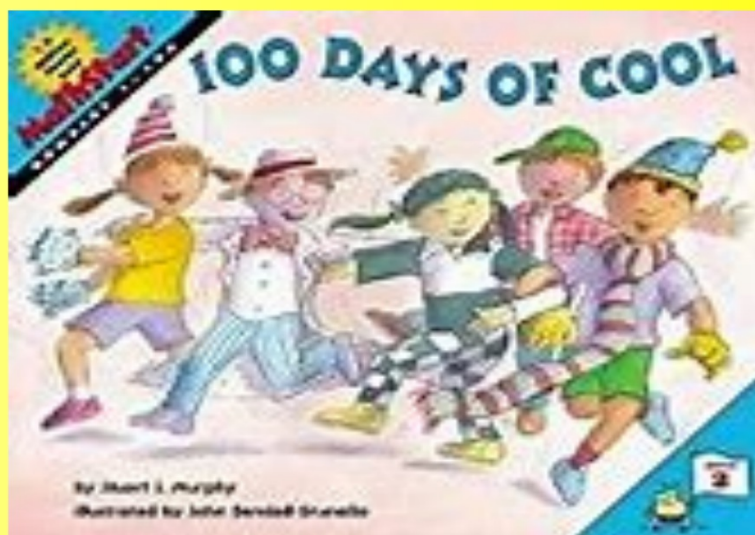




Key Learning: Represent numbers within 100

Watch this video of the story 100 days of cool.  
Can you spot all 100 numbers?



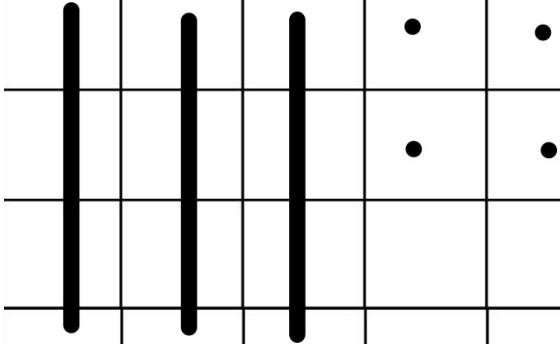
 [https://www.youtube.com/watch?v=viLbb15\\_cts](https://www.youtube.com/watch?v=viLbb15_cts)

How to represent a number with dienes?

Introduce

(5 mins)

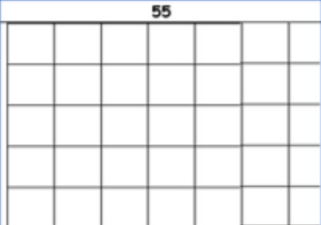
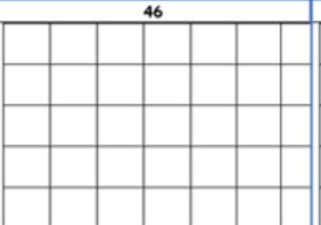
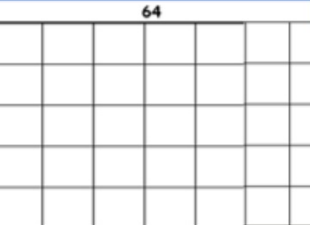
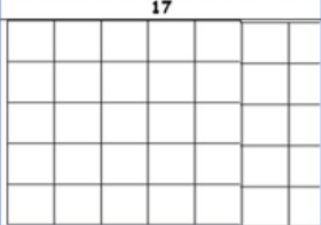
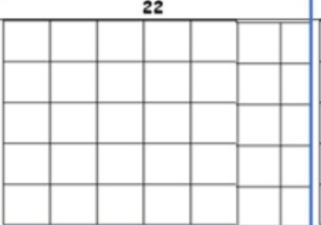
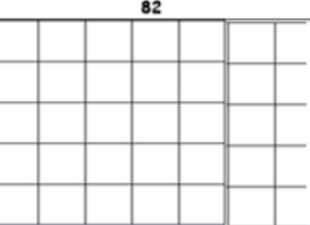
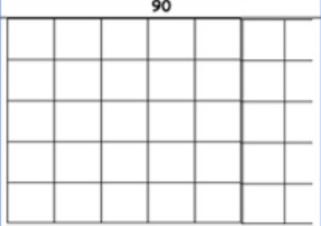
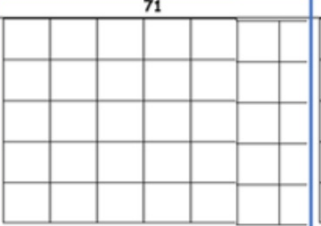
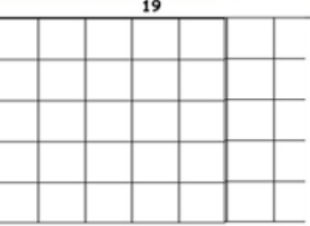
3 4



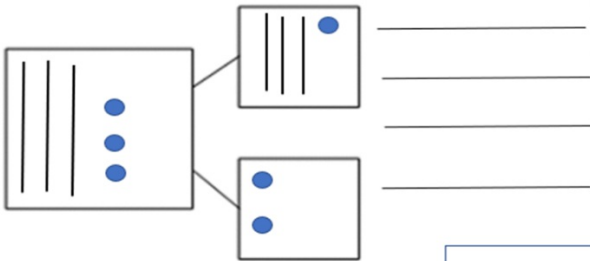
34 has 3 tens and 4 ones

**Independent task:** Draw the tens and ones for these numbers.

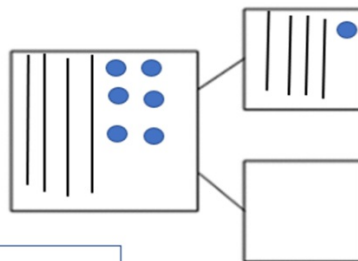
Independent Task

55	46	64
		
17	22	82
		
90	71	19
		

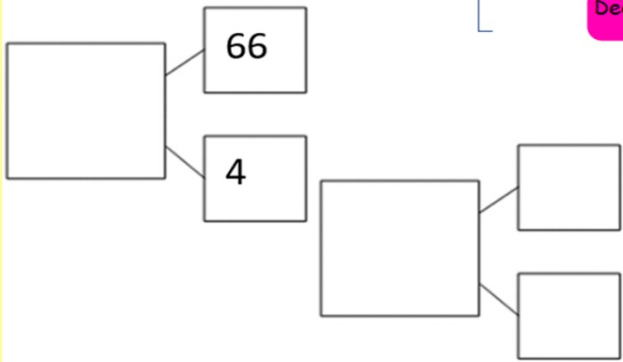
How many equations can you write from this part part whole model?



Can you work out the in the gap in this part part whole models?



Can you draw the dienes to match this equation?  $66 + 4 =$

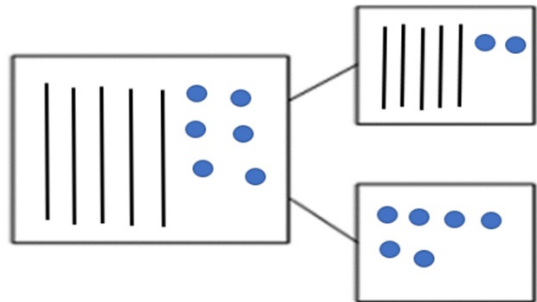


**Deepening Task:**  
addition within 100.

Deepening

What has gone wrong here?

Can you correct it, as we would do at school with a green pen.





# Key Learning: Add 10s to a number within 100.

Can you draw the tens and ones for these numbers?

Engage  
(max 5 mins)  
lesson  
2


18

44

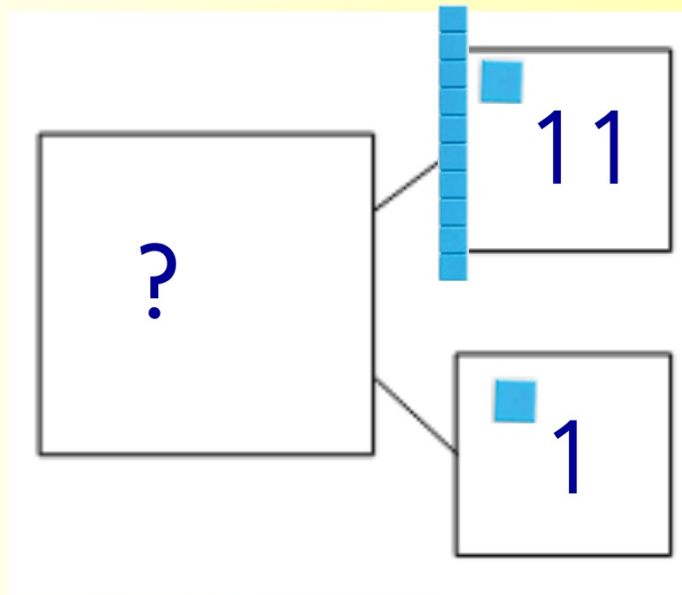
29

Let's  
Recap



What does adding mean?

Introduce  
(5 mins)



Addition is where we add two parts together to make a whole.





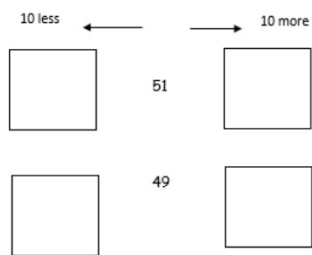


These equations have been flipped around so they start with the 10s number.

Do you have to change how your work them out?

- $20 + 63 =$
- $30 + 25 =$
- $10 + 89 =$

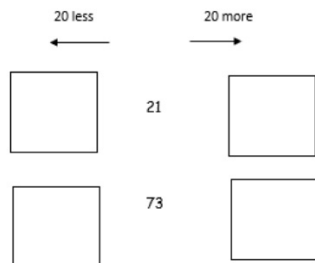
What number is 10 more than, and 10 less than?



**Deepening Task:** addition within 100.

Deepening

What number is 20 more than, and 20 less than?



Guess my number:

I am 20 more than 45 and 20 less than 75.



# Key Learning: Add 10s to a number within 100.

Can you draw the tens and ones for these numbers?

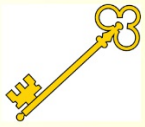
Engage  
(max 5 mins)  
lesson  
3


97

50

61

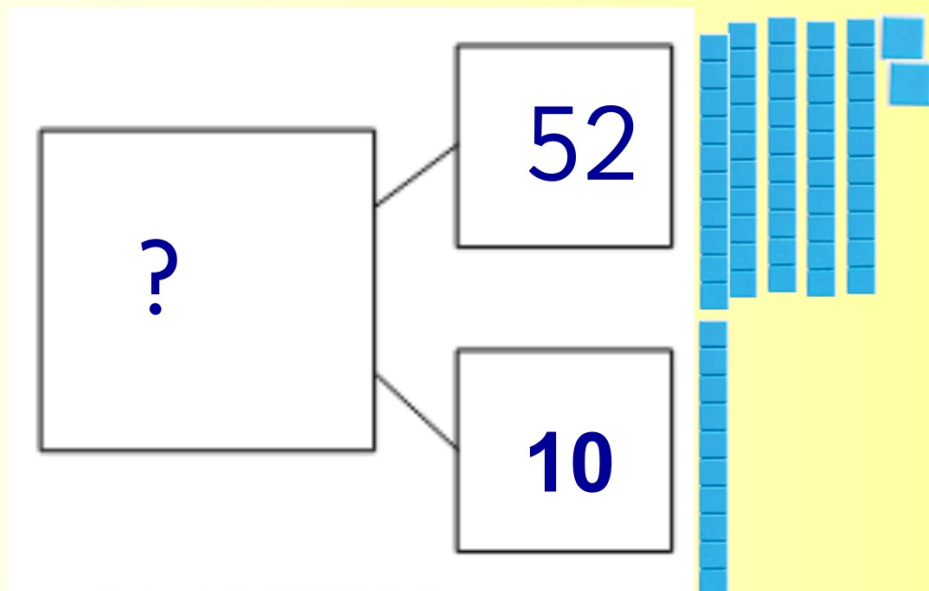
Let's  
Recap



What does adding mean?

Introduce

(5 mins)



Addition is where we add two parts together to make a whole.





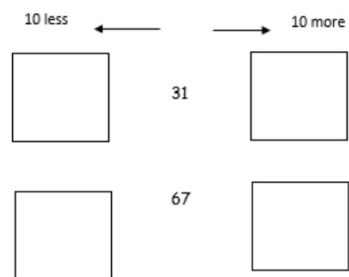


These equations have been flipped around so they start with the 10s number.

Do you have to change how you work them out?

- $20 + 35 =$
- $30 + 58 =$
- $10 + 64 =$

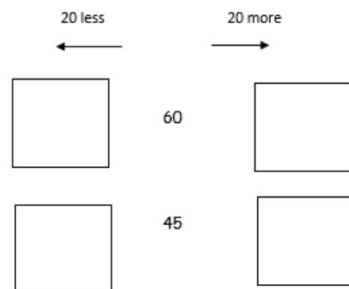
What number is 10 more than, and 10 less than?



**Deepening Task:** addition within 100.

Deepening

What number is 20 more than, and 20 less than?



Guess my number:

I am 10 more than 66 and 20 less than 96.



## Lesson 4: Solve a word problem using addition.

Engage  
(max 5 mins)  
lesson  
4

Which of these are correct?

$$20 + 10 = 40$$

$$6 + 30 = 38$$

$$10 + 8 = 18$$

$$50 + 5 = 55$$

$$40 + 10 = 50$$



## What is a word problem?

Introduce

(5 mins)

Miss Spider eats 4 flies. She catches 3 more. How many has she eaten altogether?



A word problem is solving an equation where we have to find the information out in order to answer it.

# model

James was fed 10 peas by Aunt Sponge and 13 peas from Aunt Spiker. How many peas did James get altogether for lunch?

Silkworm made 55 strands of silk on Monday and 20 on Tuesday. How many silk strands did she make in total?

Aunt Spiker sold 37 tickets to see the Giant Peach tree, and Aunt Sponge sold only 30. How many did they sell altogether?

20 people ran away when they saw the peach in the sky. Another 44 people hear them and run away as well. How many people ran away in total?

35 New York police arrive and another 10 firemen. How many people arrived in total to help?

James made friends with 81 children when he landed in New York. 10 of their friends came too. How many new friends had James made?

1. Re
2. Fir
3. W
4. So
5. W

Deepening

Can you create your own word equation with an addition of a 10s number?

Handwriting practice lines consisting of alternating blue and red horizontal lines.

