Maths

Number and Place Value

Need a coherently planned sequence of lessons to complement this resource?

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Finding Equals

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Aim

- To use the equals sign.

Success Criteria

- I can find equal values.
- I can represent equal values.
- I can use the equals sign in an equation.

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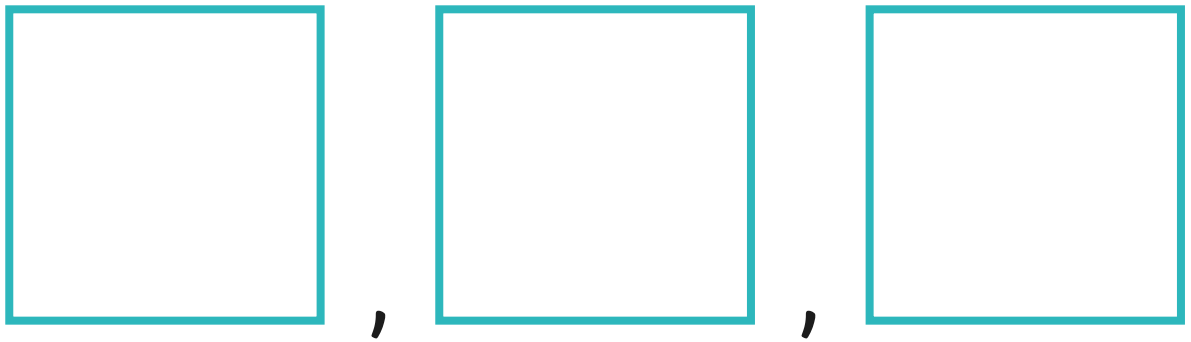
Remember It

Can you use the numbers below to make two-digit numbers?

Can you order them? How many different sequences can you make?



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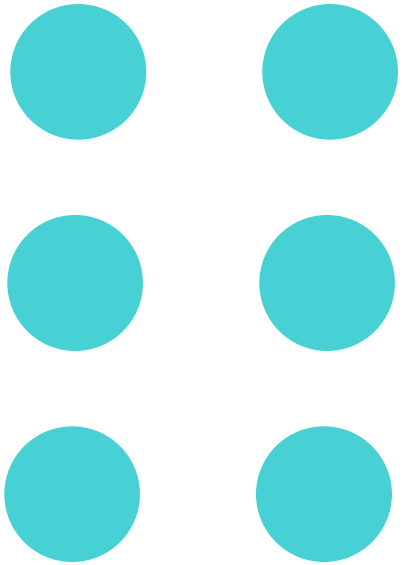
Finding Equals

Whole Class

Complete the equation.



=

6

An equation shows when things are equal. It will have an equals sign.

Did you think of any other answers?

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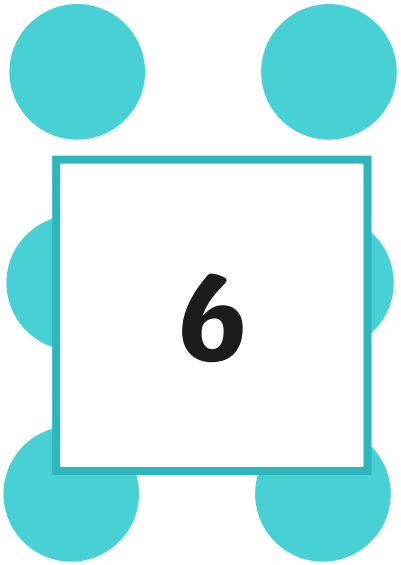
Finding Equals

Whole Class

What does the symbol mean?



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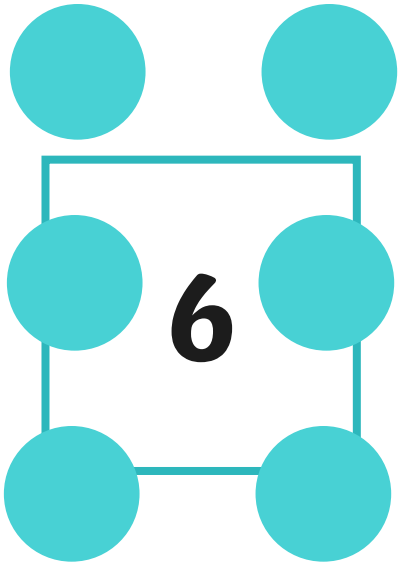

This is the equals sign. The values on each side of an equal sign must be the same.

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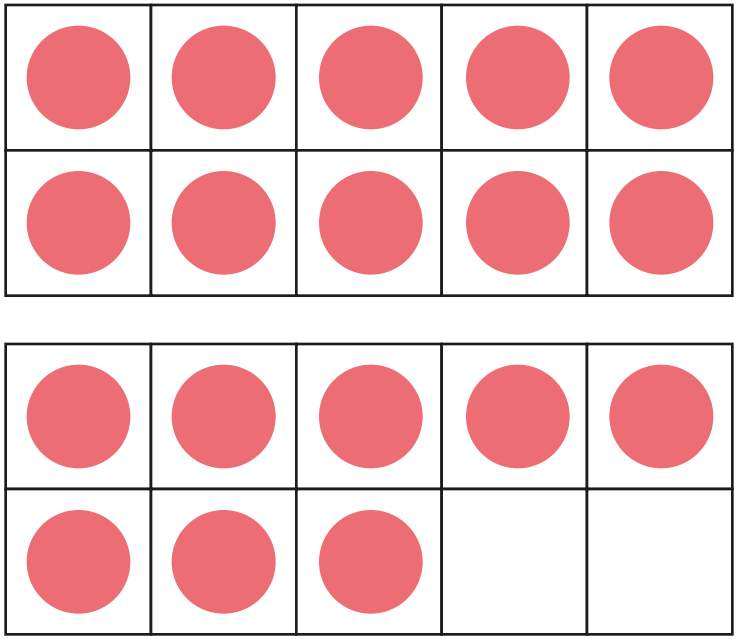
Finding Equals

Whole Class

Complete the equation.



is the same as

1 ten and 8 ones

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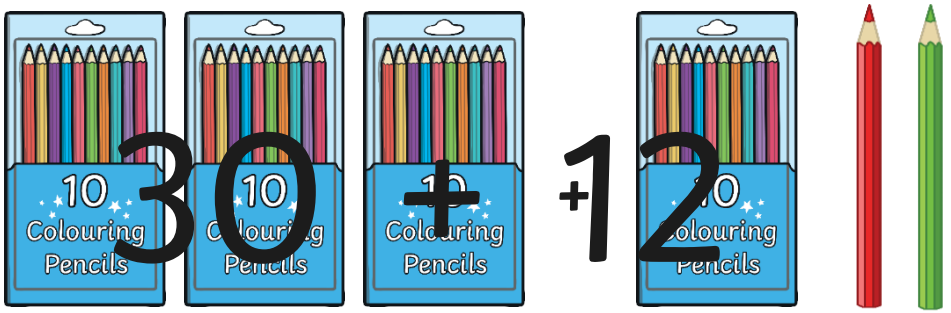
Finding Equals

Whole Class

Complete the equation.

42 equals



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Finding Equals

Complete the equation.

fifty-nine = 59

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Finding Equals

Complete the equation.

61	is equivalent to	**1 one + 6 tens**

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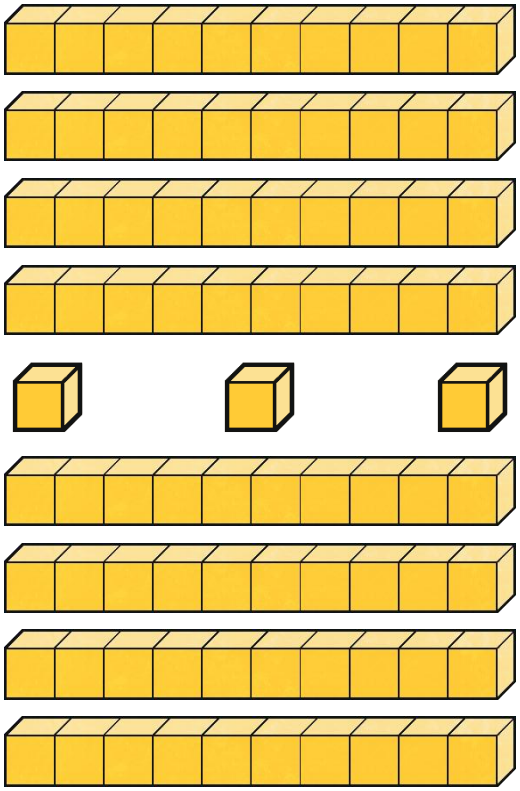
Finding Equals

Whole Class

Complete the equation.



is the same as

83

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Finding Equals

Complete the equation.

36	=	**3 tens**	add	**6 ones**

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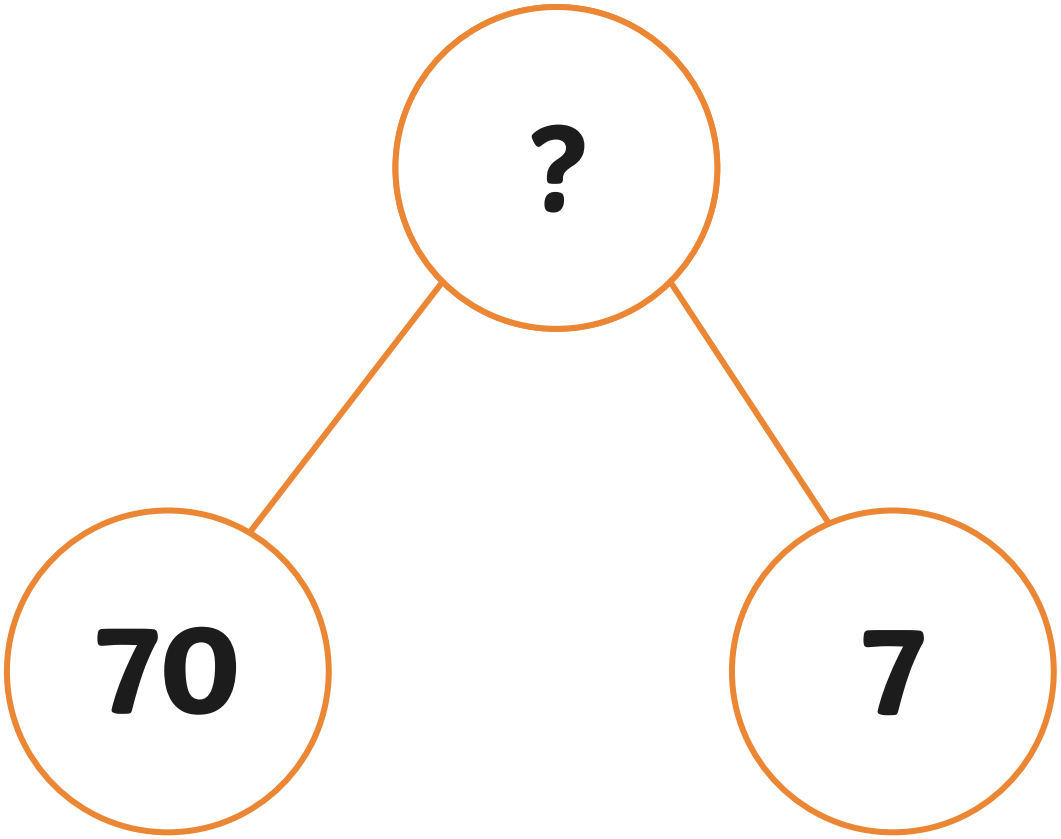
Finding Equals

Complete the equation.



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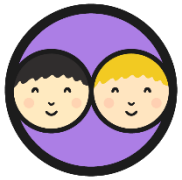
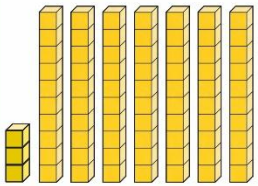
Equal Values



Work in pairs. Pick a card, then try to show an equal value in a different representation. You can use equipment or a whiteboard to represent your equation. Don't forget to use an equals sign!

73	seventy-three	3 ones + 7 tens	1 ten + 3 ones	3 tens + 4 ones
50 + 23				

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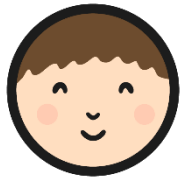
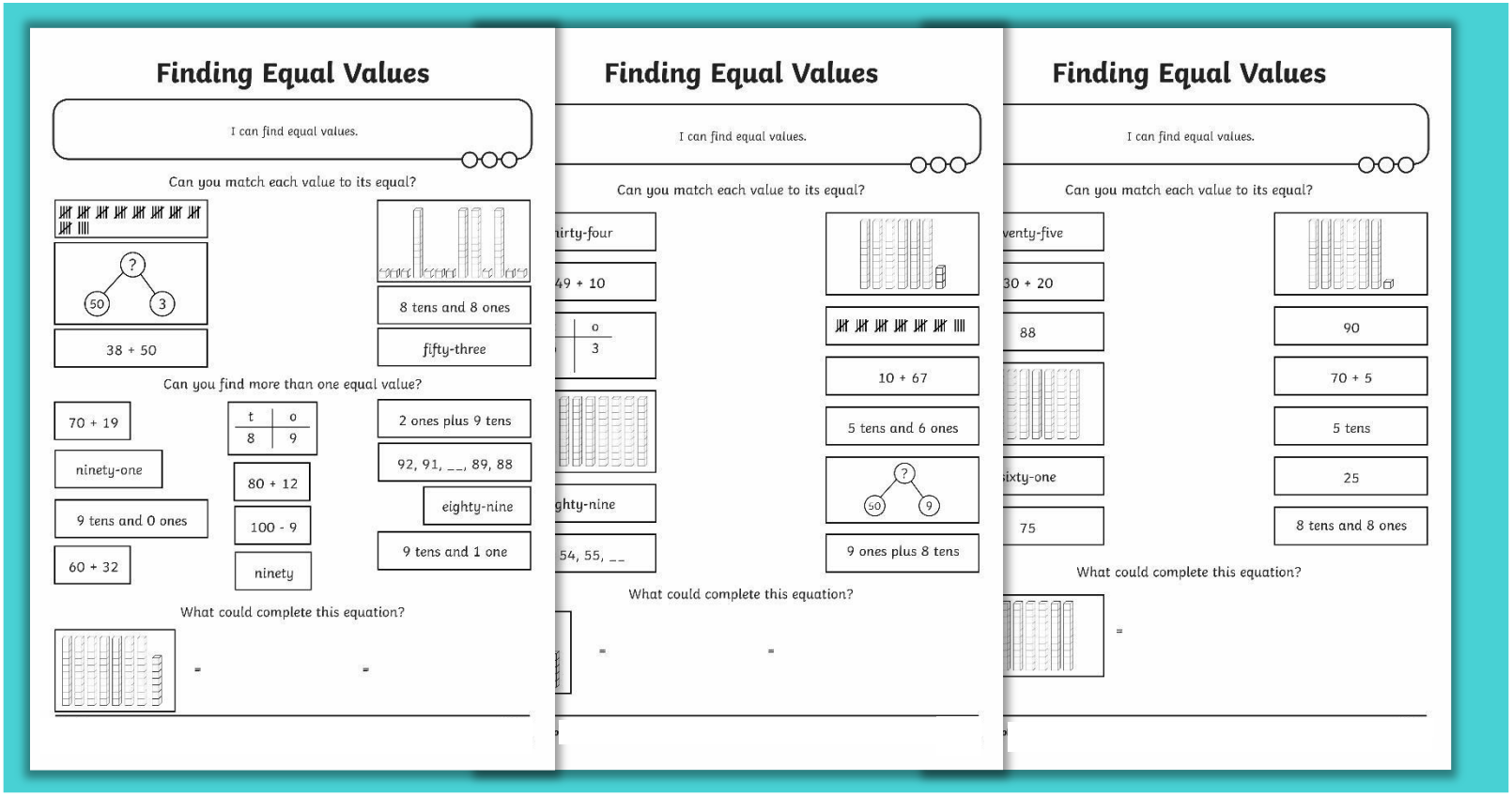
Finding Equal Values



Can you find equal values when numbers are represented in different ways?



Finding Equal Values

I can find equal values.

Can you match each value to its equal?

38 + 50

8 tens and 8 ones

fifty-three

Can you find more than one equal value?

70 + 19

ninety-one

9 tens and 0 ones

60 + 32

t	o
8	9

80 + 12

100 - 9

ninety

2 ones plus 9 tens

92, 91, __, 89, 88

eighty-nine

9 tens and 1 one

What could complete this equation?

= =

Finding Equal Values

I can find equal values.

Can you match each value to its equal?

irty-four

49 + 10

o
3

ghty-nine

54, 55, __

10 + 67

5 tens and 6 ones

9 ones plus 8 tens

What could complete this equation?

= =

Finding Equal Values

I can find equal values.

Can you match each value to its equal?

venty-five

30 + 20

88

ixty-one

75

90

70 + 5

5 tens

25

8 tens and 8 ones

What could complete this equation?

=

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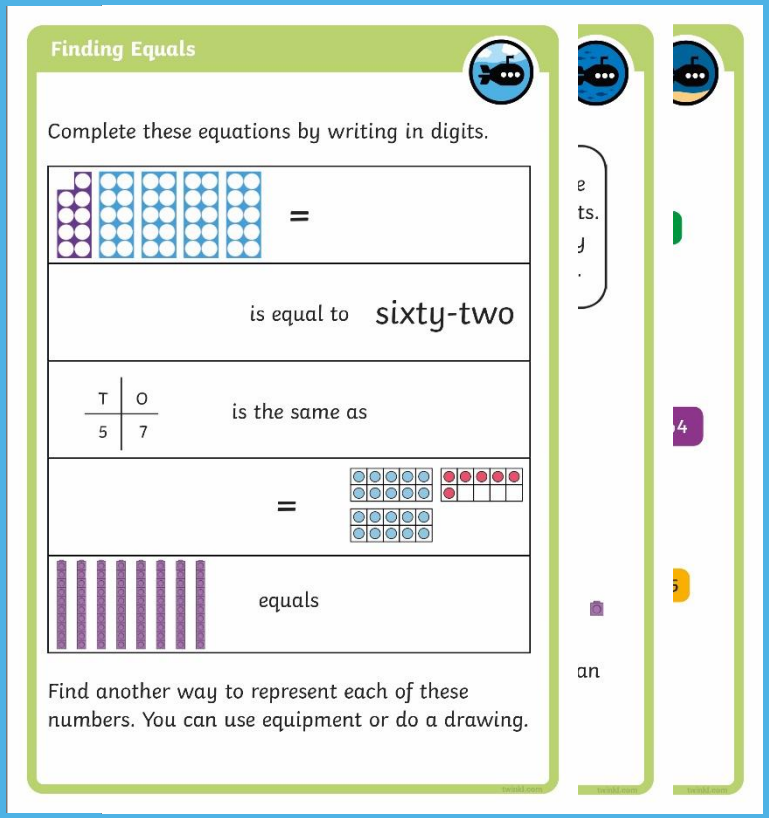
Diving into Mastery

Dive in by completing your own activity!



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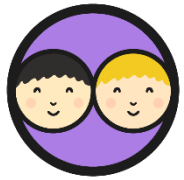
True or False?



Work with a partner and take turns. One person chooses two cards and puts them on the True or False Mat to make a number sentence. Their partner then says whether they think the number sentence is true or false. Swap over.

Can you prove whether the number sentence is true or false?

True or False?

	=	

How do you know?

Can you prove it?

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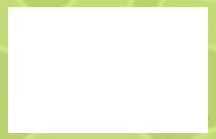

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