



Draw the missing dot card to make both equal.

Example

2 groups of 9      and      4 groups of 9      make      54

	×		=	
	+		=	

2 groups of 7 and how many more groups of 7 make 35?

	+		=	
	×		=	

ANSWER KEY

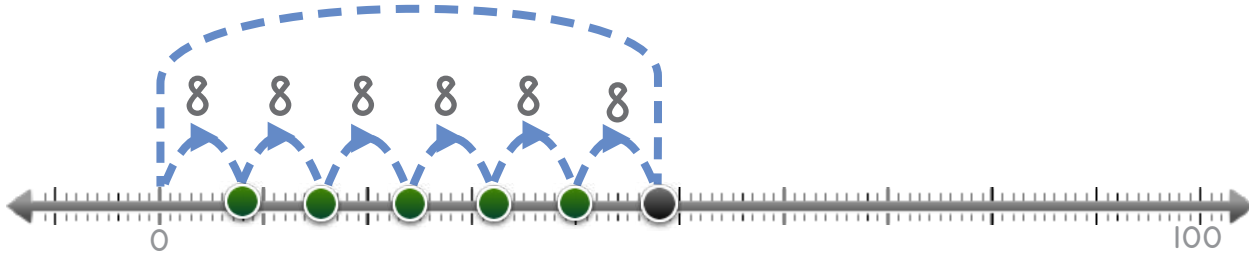
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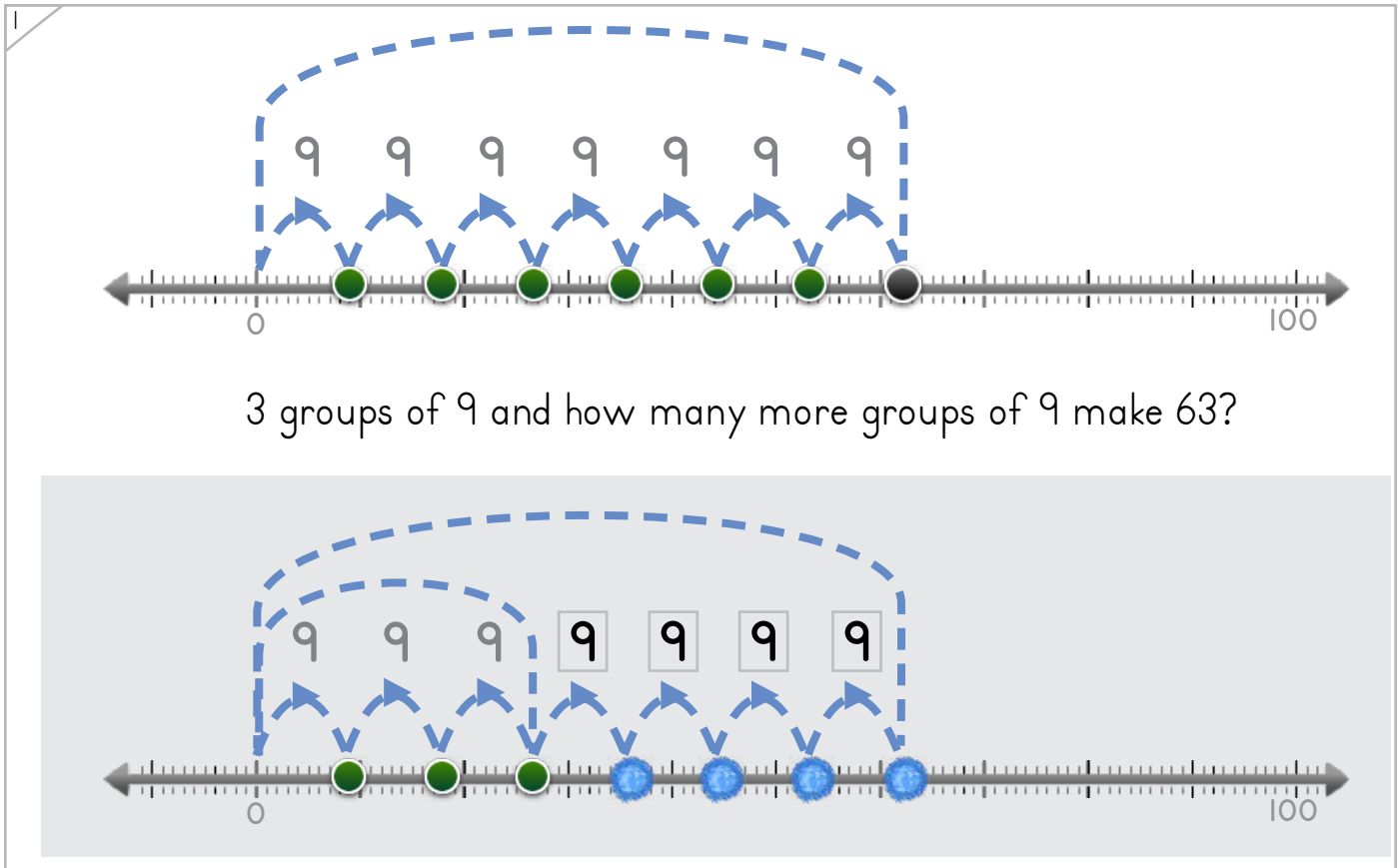
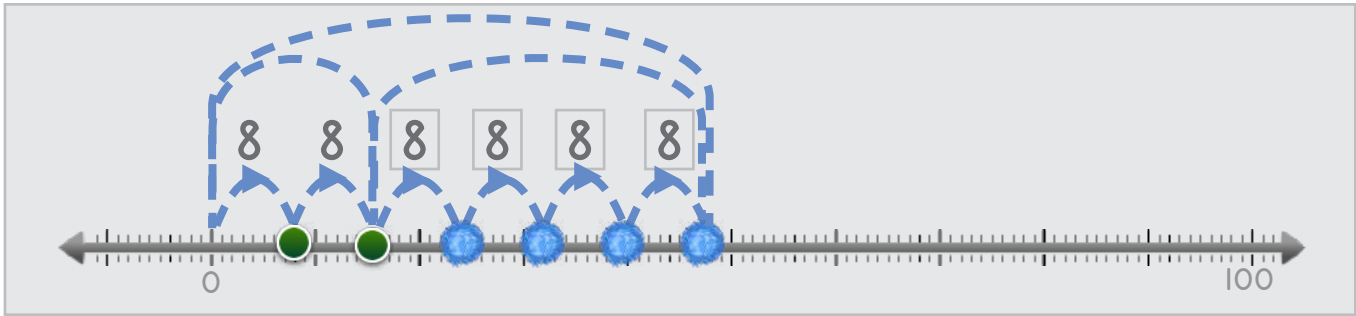
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Draw the jumping dots and numbers to make the totals match.

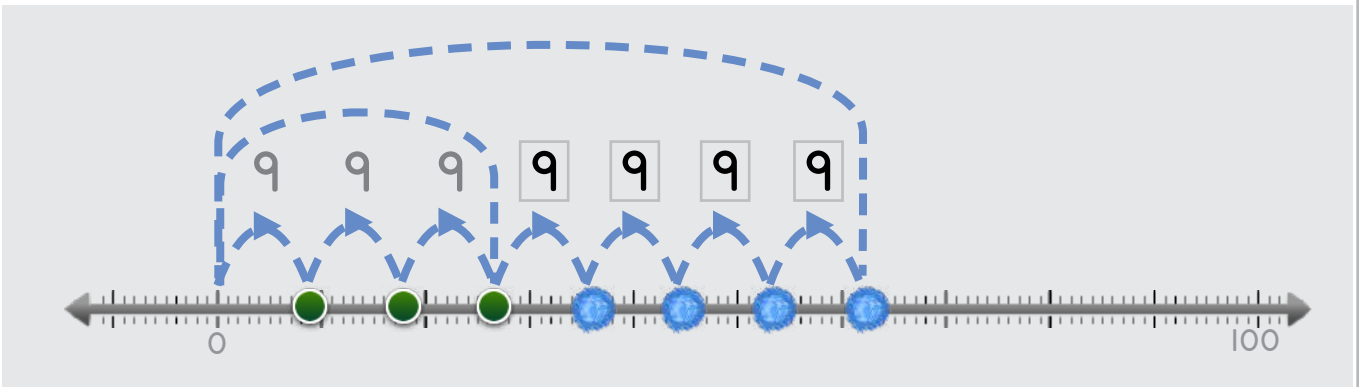
Example



2 groups of 8 and 4 groups of 8 make 48.



3 groups of 9 and how many more groups of 9 make 63?



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Manipulatives

Draw the missing bar to make the totals match.

Example

Example problem showing a large blue bar with a yellow bar on top, and two yellow bars below it. The total length of the blue bar is equal to the total length of the two yellow bars.

$$\text{Large Blue Bar} = \text{Yellow Bar 1} + \text{Yellow Bar 2}$$

$$\text{Yellow Bar 1} \times \text{Yellow Bar 2} = \text{Large Blue Bar}$$

3 groups of 9 and 2 groups of 9 make 45.

Problem 1: A large blue bar with a yellow bar on top. Below are a yellow bar and a blue bar. The total length of the blue bar is equal to the total length of the yellow bar and the blue bar.

$$\text{Large Blue Bar} = \text{Yellow Bar} + \text{Blue Bar}$$

$$\text{Yellow Bar} \times \text{Blue Bar} = \text{Large Blue Bar}$$

Problem 2: A large blue bar with a yellow bar on top. Below are a yellow bar and a blue bar. The total length of the blue bar is equal to the total length of the yellow bar and the blue bar.

$$\text{Large Blue Bar} = \text{Yellow Bar} + \text{Blue Bar}$$

$$\text{Yellow Bar} \times \text{Blue Bar} = \text{Large Blue Bar}$$

Problem 3: A large blue bar with a yellow bar on top. Below are a yellow bar and a blue bar. The total length of the blue bar is equal to the total length of the yellow bar and the blue bar.

$$\text{Large Blue Bar} = \text{Yellow Bar} + \text{Blue Bar}$$

$$\text{Yellow Bar} \times \text{Blue Bar} = \text{Large Blue Bar}$$

4 groups of 7 and how many more groups of 7 make 42?

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Draw the missing dot card and number.

1

	$\times$		$=$		$\times$		$=$	
$2 \times 4$								
$2 \times 8$	$+$	$3 \times 8$	$=$	$40$				

2

	$\times$		$+$		$\times$		$=$	
$3 \times 4$								
$3 \times 4$	$+$	$6 \times 4$	$=$	$36$				

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Draw the jumping dots and numbers to make the totals match.



Manipulatives and Symbols

1

$5 \times 8 + 4 \times 8 = 72$

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2

$5 \times 6 + 4 \times 6 = 54$

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Draw the missing bar and numbers to make the totals match.

1

5 x 7 = 49

2 x 7 = 49

2

5 x 8 = 56

2 x 8 = 56

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Name: \_\_\_\_\_ Date: \_\_\_\_\_



Symbols

Fill in the boxes for each number fact.

$$4 \times 7 + \boxed{5} \times 7 = 63$$

$$2 \times 10 + \boxed{6} \times 10 = 80$$

$$4 \times 9 + \boxed{5} \times 9 = 81$$

$$5 \times 8 + \boxed{3} \times 8 = 64$$

$$5 \times 4 + \boxed{4} \times 4 = 36$$

$$5 \times 6 + \boxed{3} \times 6 = 48$$

$$4 \times 9 + \boxed{1} \times 9 = 45$$

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