



Back to Where We Started

I can recognise and explain inverse relationships.



Tick the number sentences that show inverses and cross the ones that don't.

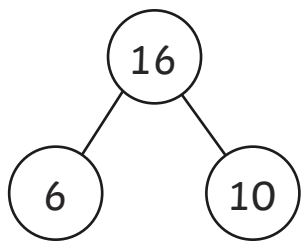
$25 + 7 = 32$

$32 - 7 = 25$

$19 - 6 = 13$

$19 + 6 = 25$

Fill in the missing gaps below to create inverse number sentences. Can you get back to where you started? Use the models to help you.



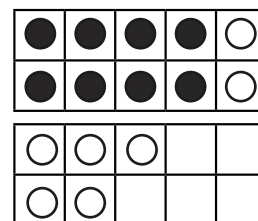
$16 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = 16$

24	
13	11

$\underline{\quad} + \underline{\quad} = 24$

$24 - \underline{\quad} = \underline{\quad}$



$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

Can you write inverse number sentences using the numbers 22, 14 and 8? Draw or make as many models as you can to match.

Use equipment to explain the inverse relationship between addition and subtraction to a friend.



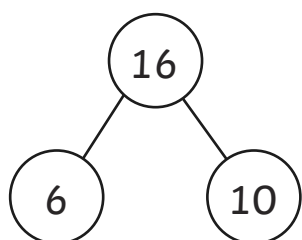
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Tick the number sentences that show inverses and cross the ones that don't.

$25 + 7 = 32$
$32 - 7 = 25$ ✓

$19 - 6 = 13$
$19 + 6 = 25$ ✗

Fill in the missing gaps below to create inverse number sentences. Can you get back to where you started? Use the models to help you.



$$16 - \underline{10} = \underline{6}$$

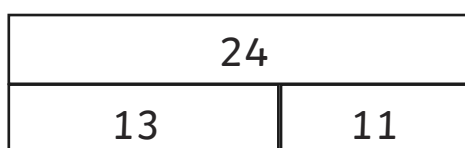
or

$$16 - \underline{6} = \underline{10}$$

$$\underline{10} + \underline{6} = 16$$

or

$$\underline{6} + \underline{10} = 16$$



$$\underline{13} + \underline{11} = 24$$

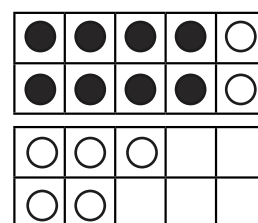
or

$$\underline{11} + \underline{13} = 24$$

$$24 - \underline{11} = \underline{13}$$

or

$$24 - \underline{13} = \underline{11}$$



$$\underline{15} - \underline{8} = \underline{7}$$

or

$$\underline{15} - \underline{7} = \underline{8}$$

$$\underline{7} + \underline{8} = \underline{15}$$

or

$$\underline{8} + \underline{7} = \underline{15}$$

Can you write inverse number sentences using the numbers 22, 14 and 8? Draw or make as many models as you can to match.

Accept any models which represent these:

$$22 - 14 = 8 \quad 8 + 14 = 22 \quad 22 - 8 = 14 \quad 14 + 8 = 22$$



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Tick the number sentences that show inverses and cross the ones that don't.

$19 + 13 = 32$

$32 - 18 = 14$

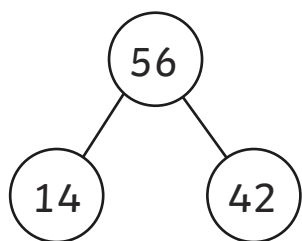
$85 - 15 = 70$

$85 + 15 = 100$

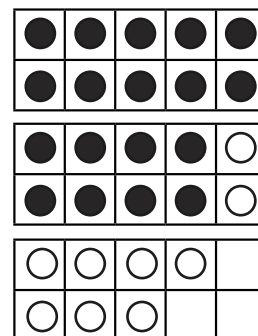
$47 - 26 = 21$

$21 + 26 = 47$

Fill in the missing gaps below to create inverse number sentences. Can you get back to where you started? Use the models to help you.



94	
23	71



$56 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = 56$

$\underline{\quad} + \underline{\quad} = 94$

$94 - \underline{\quad} = \underline{\quad}$

$\underline{\quad} - \underline{\quad} = \underline{\quad}$

$\underline{\quad} + \underline{\quad} = \underline{\quad}$

Can you write inverse number sentences using the numbers 27, 15 and 12? Draw or make as many models as you can to match.

Use equipment to explain the inverse relationship between addition and subtraction to a friend.



Answers

Tick the number sentences that show inverses and cross the ones that don't.

$19 + 13 = 32$ $32 - 18 = 14$	$85 - 15 = 70$ $85 + 15 = 100$	$47 - 26 = 21$ $21 + 26 = 47$
☒	☒	☒

Fill in the missing gaps below to create inverse number sentences. Can you get back to where you started? Use the models to help you.

$$56 - \underline{14} = \underline{42}$$

or

$$56 - \underline{42} = \underline{14}$$

$$\underline{23} + \underline{71} = 94$$

or

$$\underline{71} + \underline{23} = 94$$

$$\underline{27} - \underline{9} = \underline{18}$$

or

$$\underline{27} - \underline{18} = \underline{9}$$

$$\underline{42} + \underline{14} = 56$$

or

$$\underline{14} + \underline{42} = 56$$

$$94 - \underline{23} = \underline{71}$$

or

$$94 - \underline{71} = \underline{23}$$

$$\underline{9} + \underline{18} = \underline{27}$$

or

$$\underline{18} + \underline{9} = \underline{27}$$

Can you write inverse number sentences using the numbers 27, 15 and 12?
Draw or make as many models as you can to match.

Accept any models which represent these:

$$27 - 15 = 12 \quad 12 + 15 = 27 \quad 27 - 12 = 15 \quad 15 + 12 = 27$$



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Tick the number sentences that show inverses and cross the ones that don't. Can you write the correct inverse number sentence for the incorrect ones?

$49 + 25 = 74$

$74 + 25 = 99$

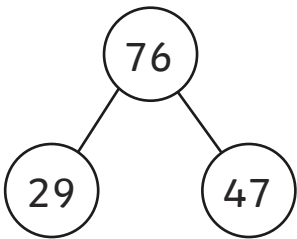
$95 - 37 = 58$

$37 + 37 = 74$

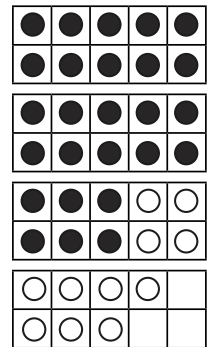
$67 - 28 = 39$

$39 + 28 = 67$

Write inverse sentences for the models below. Can you get back to where you started? Use the models to help you.



85	
38	47



Can you write inverse number sentences using the numbers 38, 27 and 11?

Use equipment to explain the inverse relationship between addition and subtraction to a friend.

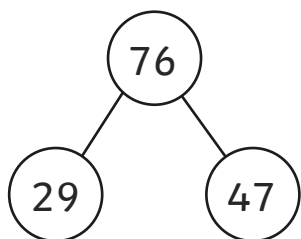


Answers

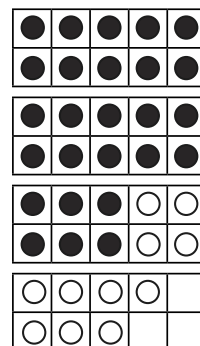
Tick the number sentences that show inverses and cross the ones that don't. Can you write the correct inverse number sentence for the incorrect ones?

$49 + 25 = 74$	$95 - 37 = 58$	$67 - 28 = 39$
$74 + 25 = 99$	$37 + 37 = 74$	$39 + 28 = 67$
$74 - 25 = 49$ ✗	$58 + 37 = 95$ ✗	✓

Write inverse sentences for the models below. Can you get back to where you started? Use the models to help you.



85	
38	47



$$76 - 29 = 47$$

$$47 + 29 = 76$$

$$76 - 47 = 29$$

$$29 + 47 = 76$$

$$85 - 38 = 47$$

$$47 + 38 = 85$$

$$85 - 47 = 38$$

$$38 + 47 = 85$$

$$26 + 11 = 37$$

$$37 - 11 = 26$$

$$11 + 26 = 37$$

$$37 - 26 = 11$$

Can you write inverse number sentences using the numbers 38, 27 and 11?

Accept any models which represent these:

$$38 - 27 = 11$$

$$11 + 27 = 38$$

$$38 - 11 = 27$$

$$27 + 11 = 38$$