

Using inverse operations to check calculations

Name:

Date:.....

The inverse operation of addition is subtraction. The inverse operation of multiplication is division. This is a really useful tool to check your answers.

Work it out! Write down your working to show your method	Check it! Do the inverse operation to check	Work it out! Write down your working to show your method	Check it! Do the inverse operation to check
$70 + 33 =$		$30 \times 3 =$	
$42 + 99 =$		$42 \times 9 =$	
$245 + 912 =$		$76 \times 4 =$	
$491 + 23 =$		$135 \times 5 =$	
$54.3 + 32.6 =$		$244 \times 8 =$	

Using the inverse operation can also help us to solve missing number problems.

Try these (don't forget to show your workings):

$\underline{\hspace{2cm}} + 76 = 180$	$\underline{\hspace{2cm}} - 122 = 59$	$\underline{\hspace{2cm}} - 34 = 652$
$81 \times \underline{\hspace{2cm}} = 405$	$\underline{\hspace{2cm}} \div 88 = 2$	$\underline{\hspace{2cm}} \div 5 = 300$

Answers

$70 + 33 =$	103	$30 \times 3 =$	90
$42 + 99 =$	141	$42 \times 9 =$	378
$245 + 912 =$	1157	$76 \times 4 =$	304
$491 + 23 =$	514	$135 \times 5 =$	675
$54.3 + 32.6 =$	86.9	$244 \times 8 =$	1952

$104 + 76 = 180$	$181 - 122 = 59$	$618 - 34 = 652$
$81 \times 5 = 405$	$176 \div 88 = 2$	$1500 \div 5 = 300$