

Addition strategies: compensation

Adding 9 or 19 to a number

Compensation means:



- adding an easy number like 10, 20 or 30
- then subtracting a very small number like 1 or 2

Skills check

- Can you subtract 1 from a number?

Subtract 1 from these numbers

$78 - 1 = 77$ $45 - 1 = \underline{\quad}$ $49 - 1 = \underline{\quad}$ $60 - 1 = \underline{\quad}$

- Can you count on in 10s like this: 2, 12, 22, 32?

Fill in the missing numbers by counting on in tens

16, <u> </u> , 36, <u> </u> , <u> </u>	33, 43, <u> </u> , <u> </u> , <u> </u>	57, 67, <u> </u> , <u> </u> , <u> </u>
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To add 9

$27 + 9 = ?$		$27 + 10 = 37$	
$27 + 9 = 36$		$37 - 1 = 36$	

Work these out step by step

$42 + 9 =$	$42 + 10 = 52$	$52 - 1 = 51$	51
$55 + 9 =$			
$88 + 9 =$			
$46 + 9 =$			
$9 + 74 =$			

To add 19

Work these out step by step

$46 + 19 =$	$46 + 20 = 66$	$66 - 1 = 65$	65
$33 + 19 =$			
$78 + 19 =$			
$16 + 19 =$			
$19 + 23 =$			

Extra

Write your own steps for adding on 29. Step 1 _____ Step 2 _____
 Write your own steps for adding on 49. Step 1 _____ Step 2 _____