



Please note that there is more than one possible answer to fill the inverse column. Below is one example. Children's answers for column three should match that shown below.

Calculation	Inverse	Correct? ✓ or ×
$12 + 5 = 17$	$17 - 5 = 12$	✓
$15 - 3 = 10$	$10 + 3 = 13$	×
$9 + 9 = 18$	$18 - 9 = 9$	✓
$6 + 12 = 19$	$19 - 12 = 7$	×
$12 - 9 = 3$	$3 + 9 = 12$	✓

Ben has swapped the addition symbol for a subtraction symbol without changing the position of the numbers.



His addition calculation would be $9 + 7 = 16$ or $7 + 9 = 16$.

$16 - 9 = 7$ or $16 - 7 = 9$. Children should use equipment or a number line to correctly represent these inverse calculations.

$$3 + 17 = 20$$

$$17 + 3 = 20$$

$$20 - 3 = 17$$

$$20 - 17 = 3$$

Accept any representations that correctly match the bar model.

