Name _____ Date _____

Solve One-Step Addition and Subtraction Equations

You can solve one-step equations using **inverse operations**. For example, addition and subtraction are inverse operations. To solve a one-step addition or subtraction equation, apply the inverse operation to both sides of the equation to get the variable alone.

Let's try it! Solve each equation.

$n + 5 = 16$ $n + 5 - 5 = 16 - 5$ $n = 11$	*Subtract 5 from both sides of the equation.*	$b - 4 = 13$ $b - 4 + 4 = 13 + 4$ $b = 17$	*Add 4 to both sides of the equation.*

Try it yourself! Solve each equation.

1. $\quad h + 3 = 14$ $h = 11$	2. $\quad p - 12 = 6$ $p = 18$	3. $\quad v + 9 = 23$ $v = 14$
4. $\quad r - 6 = 19$ $r = 25$	5. $\quad 7 + c = 22$ $c = 15$	6. $\quad q - 21 = 16$ $q = 37$
7. $\quad 11 + x = 35$ $x = 24$	8. $\quad k - 15 = 28$ $k = 43$	9. $\quad z + 14 = 27$ $z = 13$
10. $\quad f - 17 = 24$ $f = 41$	11. $\quad 26 + m = 32$ $m = 6$	12. $\quad d - 25 = 39$ $d = 64$
13. $\quad 28 + s = 37$ $s = 9$	14. $\quad u - 21 = 29$ $u = 50$	15. $\quad y + 33 = 76$ $y = 43$