

# Solve Multi-Step Equations #3



**DIRECTIONS:** SOLVE EACH EQUATION.



1.	$-3(a - 12) = 15$  $a = 7$	2.	$-3k - 15 + 8k = 10$  $k = 5$
3.	$12 + 2d = 4d - 8$  $d = 10$	4.	$-13 = 5v - 7 - 2v$  $v = -2$
5.	$-15 = -3(2h - 5)$  $h = 5$	6.	$9x - 7 = 5 + 5x$  $x = 3$
7.	$28 = 4(2g - 3) + 2g$  $g = 4$	8.	$-4t - 9 + 6t = t - 7$  $t = 2$
9.	$21 - 6y = -3(4y + 1)$  $y = -4$	10.	$-8(2c - 4) = -10 - 9c$  $c = 6$
11.	$9w - 3(4w + 6) = 12$  $w = -10$	12.	$-18 + 3(2u - 4) = 3u + 6$  $u = 12$