Solving Algebraic Equations

Name: _____   Score: _____

Solve for each variable.

$y + 10 = 12$	$c - 3 = 10$	$-v + 8 = 5$
$k - 5 = 12$	$3 - t = 1$	$c + 10 = 10$
$-4 - r = 4$	$-y + 3 = 0$	$4 - a = 1$
$z + 3 = 8$	$-2 - x = 5$	$b - 32 = 10$
$-3 + y = 5$	$z - 5 = -6$	$n - (-1) = 10$
$g + 1 = 12$	$-7 + x = 1$	$c - 13 = 12$
$-5 - w = 5$	$k - 5 = 10$	$p + 1 = -2$

Answers

Solve for each variable.

$y + 10 = 12$
$y = 2$

$c - 3 = 10$
$c = 13$

$-v + 8 = 5$
$v = 3$

$k - 5 = 12$
$k = 17$

$3 - t = 1$
$t = 2$

$c + 10 = 10$
$c = 0$

$-4 - r = 4$
$r = -8$

$-y + 3 = 0$
$y = 3$

$4 - a = 1$
$a = 3$

$z + 3 = 8$
$z = 5$

$-2 - x = 5$
$x = -7$

$b - 32 = 10$
$b = 42$

$-3 + y = 5$
$y = 8$

$z - 5 = -6$
$z = -1$

$n - (-1) = 10$
$n = 9$

$g + 1 = 12$
$g = 11$

$-7 + x = 1$
$x = 8$

$c - 13 = 12$
$c = 25$

$-5 - w = 5$
$w = -10$

$k - 5 = 10$
$k = 15$

$p + 1 = -2$
$p = -3$