

# Power Up Facts K

## ANSWER KEY

### Facts

Find the value of each variable.

$a + 8 = 20$ $a = 12$	$b - 6 = 18$ $b = 24$	$3c = 24$ $c = 8$	$\frac{d}{4} = 8$ $d = 32$	$x^2 = 25$ $x = 5 \text{ (and } -5)$
$7 + e = 15$ $e = 8$	$20 - f = 5$ $f = 15$	$(g)(4) = 20$ $g = 5$	$\frac{12}{h} = 6$ $h = 2$	$\sqrt{w} = 4$ $w = 16$
$18 = j + 11$ $j = 7$	$17 = k - 4$ $k = 21$	$24 = 6m$ $m = 4$	$6 = \frac{n}{3}$ $n = 18$	$ z  = 3$ $z = 3, -3$
$14 = 5 + q$ $q = 9$	$30 = 40 - r$ $r = 10$	$32 = (s)(4)$ $s = 8$	$8 = \frac{24}{t}$ $t = 3$	$\frac{1}{2}y = 8$ $y = 16$