MathFLIX CHALLENGE

Algebra: Solving for an Unknown

Study the pattern and solve.

$n \times n = 25$	$n^2 = 25$	$n^2 = 25$
$n + n = 10$	$n + n = 10$	$2n = 10$
$n = \underline{\quad}$	$n = \underline{\quad}$	$n = \underline{\quad}$
$a \times a = 36$	$a^2 = 36$	$a^2 = 36$
$a + a = 12$	$a + a = 12$	$2a = 12$
$a = \underline{\quad}$	$a = \underline{\quad}$	$a = \underline{\quad}$
$b \times b = 100$	$b^2 = 100$	$b^2 = 100$
$b + b = 20$	$b + b = 20$	$2b = 20$
$b = \underline{\quad}$	$b = \underline{\quad}$	$b = \underline{\quad}$
$c \times \underline{\quad} = 9$	$c^2 = 9$	$c^2 = 9$
$c + c = \underline{\quad}$	$c + c = \underline{\quad}$	$2c = \underline{\quad}$
$c = \underline{\quad}$	$c = \underline{\quad}$	$c = \underline{\quad}$
$z \times z = \underline{\quad}$	$z^2 = \underline{\quad}$	$z^2 = \underline{\quad}$
$z + z = 14$	$z + z = 14$	$= 14$
$z = \underline{\quad}$	$z = \underline{\quad}$	$z = \underline{\quad}$
$y \times y = \underline{\quad}$	$y^2 = 81$	$y^2 = 81$
$y + y = \underline{\quad}$	$y + y = 18$	$2y = \underline{\quad}$
$y = 9$	$y = \underline{\quad}$	$y = \underline{\quad}$