

Name: Answer Key

Mrs. Sperring/Math 6

Variables and Expressions Homework

1. Complete the table by evaluating each expression for $x = 2, 3,$ and 4 .

x	$x + 5$	$17 - x$	$9x$	$\frac{144}{x}$
2	$2 + 5 = 7$	$17 - 2 = 15$	$9 \cdot 2 = 18$	$\frac{144}{2} = 72$
3	$3 + 5 = 8$	$17 - 3 = 14$	$9 \cdot 3 = 27$	$\frac{144}{3} = 48$
4	$4 + 5 = 9$	$17 - 4 = 13$	$9 \cdot 4 = 36$	$\frac{144}{4} = 36$

2. Complete the table by evaluating each expression for $x = 3, 5,$ and 9 .

x	$16 + x$	$x - 3$	$12x$	$90 \div x$
3	$16 + 3 = 19$	$3 - 3 = 0$	$12 \cdot 3 = 36$	$90 \div 3 = 30$
5	$16 + 5 = 21$	$5 - 3 = 2$	$12 \cdot 5 = 60$	$90 \div 5 = 18$
9	$16 + 9 = 25$	$9 - 3 = 6$	$12 \cdot 9 = 108$	$90 \div 9 = 10$

For problems 3 and 4, follow the directions in the script below:

3. $5m + c = 6 + 7y$

4. $7 + 15 = 6h + 4r - 10$

Circle the variables.

Star the constants.

Box the operations.

Underline the coefficients.