



## LESSON 4

## Evaluating Algebraic Expressions

- Check each answer to see whether the student evaluated the expression correctly. If the answer is incorrect, cross out the answer and write the correct answer.

Algebraic Expressions	Student Answers
1 $5m + 26$ when $m = 3$	<del><math>5(3) + 26 = 15 + 26</math> <math>= 31</math></del> Possible answer: $5(3) + 26 = 15 + 26$ $= 41$
2 $8(x + 2)$ when $x = 6$	$8(6 + 2) = 48 + 2$ $= 50$
3 $7p + 5$ when $p = 12$	$7(12) + 5 = 7(17)$ $= 119$
4 $q + 9p$ when $q = 18$ and $p = 4$	$18 + 9(4) = 18 + 36$ $= 54$
5 $6w - 19 + k$ when $w = 8$ and $k = 2$	$6(2) - 19 + 8 = 12 - 19 + 8$ $= 1$
6 $12x + y$ when $x = 3$ and $y = 52$	$12(3) + 52 = 36 + 52$ $= 88$

- 7 Check your answer to problem 2 by using a different strategy.