

**ANSWERS****From Symbols to Words: Test Your Math Vocabulary II**

Now that you've had practice translating words into math expressions, it's time to try the reverse and translate the math expression into words. It's a challenge, but it's a good way to improve your understanding of what you're doing when you evaluate an expression. Pretend that you have to give someone very clear instructions using only words.

**Example:**

Written as a math expression:  $4(25 + 5) / 2$

Written in words: Multiply the sum of twenty-five plus five by four and divide the product by two.

**You might find the following words helpful:**

Sum: The answer you get when you add.

Product: The answer you get with you multiply.

Difference: The answer you get when you subtract.

Quotient: The answer you get when you divide.

Write the following math expressions in words. The first problem has been completed for you. Remember, there are different ways to write out each expression.

1.  $10(25-9) + 8$

**Multiply the difference between twenty-five and nine by ten and add eight.**

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2.  $3^3 + 100$

**Find the value of three cubed (or three to the power of three) and add one hundred.**

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3.  $18 \div r - 10$

**Divide eighteen by the variable  $r$ , then subtract ten.**

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4.  $3(4-1)$

**Subtract one from four. Then, multiply the answer (or difference) by three.**

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5.  $(50 + 10) \div 2$

**Divide the sum of fifty plus ten by two.**

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6.  $5^2 - 5$

**Find the value of five squared, then subtract 5.**

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7.  $5 + 2 \times 7 - 1$

**Add five to the product of 2 and 7, then subtract 1.**

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