

5.7 Translating Words into Algebra

Chapter 5: Introduction to Algebra

Name: _____

Date: _____

Class/Period: _____

Problem 5.125 Translate: 9 more than x .

Problem 5.128 Translate: the quotient of p and 6.

Problem 5.126 Translate: 9 less than x .

Problem 5.129 Translate: 4 subtracted from y .

Problem 5.127 Translate: the product of 8 and m .

Problem 5.130 Translate: the square of n , increased by 3.

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Problem 5.131 Translate: 5 times the sum of a and 2.

Problem 5.134 Translate: the quantity $2x + 3$, divided by 5.

Problem 5.132 Translate: the difference of $7x$ and 11.

Problem 5.135 Write an expression for c cookies shared equally among 8 people.

Problem 5.133 Translate: 6 divided by the quantity $t - 1$.

Problem 5.136 Write an expression for the perimeter of a rectangle with length $x + 5$ and width x .

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Problem 5.137 During one month, a streaming plan charges a \$9 monthly fee plus \$2 per movie. Write an expression for the cost of m movies and evaluate it for 7 movies.

Problem 5.139 Explain the difference between $5(x-2)$ and $5x - 2$ using a verbal description of each.

Problem 5.138 A number is doubled, 7 is added, and the result is divided by 3. Write an expression and evaluate it when the number is 10.

Problem 5.140 Write two different verbal descriptions of $4n + 9$.