

5.3 Variables and Algebraic Expressions

Chapter 5: Introduction to Algebra

Name: _____

Date: _____

Class/Period: _____

Problem 5.33 Name the coefficient of $9x$.

Problem 5.36 List the factors of the term $6ab$.

Problem 5.34 Name the coefficient of $-y$.

Problem 5.37 Identify the constant term in $5x - 13$.

Problem 5.35 List the terms of $4a - 7b + 10$.

Problem 5.38 Identify the variable parts in $-2m + 9n$.

5.3 Variables and Algebraic Expressions

Chapter 5: Introduction to Algebra

Problem 5.39 State the meaning of $8g$ in plain language.

Problem 5.42 Is $3x + 5 = 20$ an expression or an equation?

Problem 5.40 State the meaning of $p + 12$ in plain language.

Problem 5.43 Write an expression for 8 points per game in g games.

Problem 5.41 Is $3x + 5$ an expression or an equation?

Problem 5.44 Write an expression for a fee of \$12 plus \$3 per ticket.

5.3 Variables and Algebraic Expressions

Chapter 5: Introduction to Algebra

Problem 5.45 A rectangle has length l and width w . Write expressions for its perimeter and area, then identify every factor in the area expression.

Problem 5.47 Create an expression with three terms, two variables, one negative coefficient, and constant term 8. Label every part.

Problem 5.46 The expression $4h + 25$ represents a cost. Describe one possible meaning for the coefficient, variable, and constant.

Problem 5.48 Create an equation whose left side is $6n + 4$, then explain how the equation differs from the expression alone.