UNIT 1

Quantities and Modeling

MODULE

Quantitative Reasoning

MODULE 7

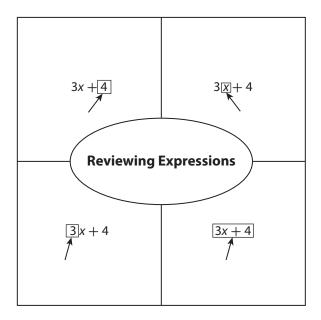
Algebraic Models



Reading Start-Up

Visualize Vocabulary

Use the **✓** words to complete the graphic. Put one term in each section of the square.



Vocabulary

Review Words

- ✓ absolute value (función de valor absoluto)
- ✓ algebraic expression (expresión algebraica)
- ✓ coefficient (coeficiente)
- ✓ constant (constante)
- ✓ numeric expression (expresión numérica)
- ✓ simplify (simplificar)
- ✓ solution (solución)
- ✓ term (término)
- ✓ variable (variable)

Preview Words

accuracy (exactitud)
literal equation
(ecuación literal)
precision (precisión)
proportion (proporción)
ratio (razón)

scale model (modelo a escala)

Understand Vocabulary

To become familiar with some of the vocabulary terms in this unit, consider the following. You may refer to the module, the glossary, or a dictionary.

1.	The level of	detail of a	measurement,	determined	by the	unit of measure	,
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is ______.

A statement that two ratios are equal is called a _____

3. A ______ is a comparison of two quantities by division.

Active Reading

2.

Two-Panel Flip Book Before beginning the lessons, create a two-panel flip chart to help you compare concepts in this unit. Label the flaps "Creating and Solving Equations" and "Creating and Solving Inequalities." As you study each lesson, write important ideas under the appropriate flap. Include any examples that will help you remember the concepts later when you look back at your notes.



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