
UNIT 1 • RELATIONSHIPS BETWEEN QUANTITIES AND EXPRESSIONS**Lesson 3: Interpreting Formulas and Expressions**

Problem-Based Task 1.3.3: Architectural Area**Coaching**

- a. What is an expression for a in terms of x ?
- b. What is an expression for b in terms of x ?
- c. Using the formula for area and the expressions for a and b , write a formula for the area of the bathroom in terms of x .
- d. What is the simplified expression for the area of the bathroom in terms of x ?