**1.1 Linear Equations**

**CLASSROOM EXAMPLE 1 Solving a Linear Equation**

Solve 

**EXAMPLE 2 Solving a Linear Equation with Fractions**

Solve 

**Identities, Conditional Equations, and Contradictions**

**CLASSROOM EXAMPLE 3 Identifying Types of Equations**

Determine whether each equation is an *identity*, a *conditional equation*, or a *contradiction*. Give the solution set.

**(a)** 

**(b) **

**(c) **

**Solving for a Specified Variable (Literal Equations)**

**CLASSROOM EXAMPLE 4 Solving for a Specified Variable**

Solve each formula or equation for the specified variable.

**(a)**  for *t*

**(b) ** for *k*