The Vision of the Common Core: Changing Beliefs, Transforming Practice

Using Algebra Models to Support Conceptual Development
January 26, 2013

For electronic resources go to: http://education.ucdavis.edu/ucdmp
Algebra Models Guide

1) Label the length and width of each piece.
2) Color each piece to match your set of Algebra Models.
3) Write the “name” of the piece on the line provided.
Part-Part-Whole
Solving Equations in One Variable

Solve each of the following equations. Show the model for each one. Write the algebraic steps taken in words or symbols.

1) \( x - 3 = -4 \)

2) \( 2x + 5 = -3 \)

3) \( 2(x - 3) = 2 \)

4) \( 4x - 1 = -9 \)