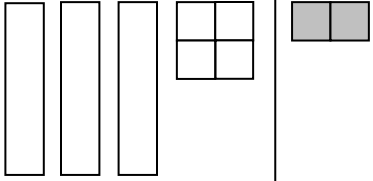


# Solving Equations, Using Algebra Tiles – Jigsaw Puzzle 2

Name \_\_\_\_\_ Date \_\_\_\_\_

Equation	Tile Model	Written Description of Procedure	Mathematical Procedure (Algorithm)
$2x + 1 = 5$			
			
		<ol style="list-style-type: none"> <li>1. Three negative xs and two units are the same as 5.</li> <li>2. Subtract two units from each side of the equation.</li> <li>3. Divide both sides of the equation into two equal groups.</li> <li>4. Flip both sides of the equation to make them opposites.</li> <li>5. One x is equal to one negative unit.</li> </ol>	
			$  \begin{array}{rcl}  2x - 3 & = & x + 2 \\  \underline{-x} & & \underline{-x} \\  x - 3 & = & 2 \\  \underline{+3} & & \underline{+3} \\  x & = & 5  \end{array}  $