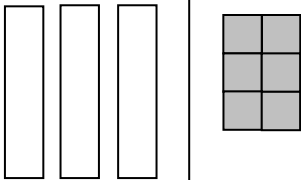# Solving Equations Using Algebra Tiles – Jigsaw Puzzle 1

Name _____ **Date**_____

Equation	Tile Model	Written Description of Procedure	Mathematical Procedure (Algorithm)
$2x = -8$			
		1. One negative x is equal to 5. 2. Take the opposite of each side of the equation. 3. One x is equal to five negative units.	
			$$\begin{aligned} 3x &= 2 + x \\ -x & \qquad -x \\ \hline 2x &= 2 \\ \div 2 & \qquad \div 2 \\ \hline x &= 1 \end{aligned}$$