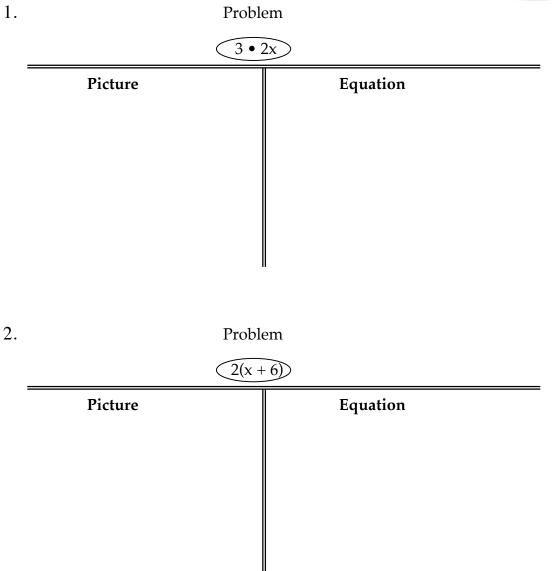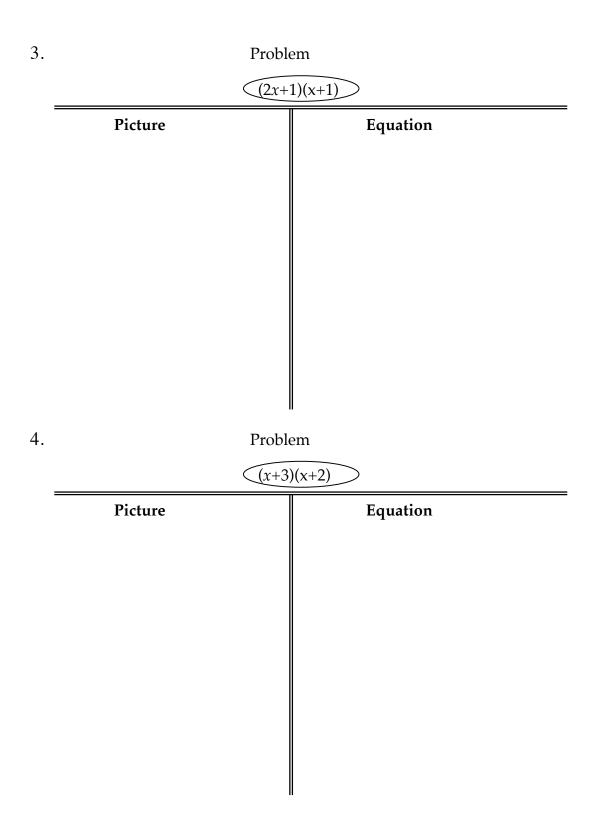# Multiplying Polynomials with an Area Model

1.   Problem

$$3 \bullet 2x$$

Picture	**Equation**

2.   Problem

$$2(x + 6)$$

Picture	**Equation**

3.   Problem

$(2x+1)(x+1)$

Picture	**Equation**

4.   Problem

$(x+3)(x+2)$

Picture	**Equation**

5.   Problem

$(x+1)(x+1)$

Picture	**Equation**

6.   Problem

$(3x+3)(x+3)$

Picture	**Equation**

7.   Problem

$3(2x+1)$

Picture	Equation

8.   Problem

$4x \cdot x$

Picture	Equation

9.   Problem

$(3x)(x+2)$

Picture	**Equation**

10.   Problem

$(2x)(2x)$

Picture	**Equation**