Standard 7.G.6 **Applying Polynomials Rules Geometry**  Unit 2 Day 14

Review:

|  |  |  |  |
| --- | --- | --- | --- |
| **Perimeter Formula:** | **Square:** | **Rectangle:** | **Triangle:** |
|  |  |  |
| **Area Formula:** | **Square:** | **Rectangle:** | **Triangle:** |
|  |  |  |

**Example 1:** Use the picture to find the perimeter of each shape.

**2x + 3**

**2x2 + 3x - 1**

**4x - 1**

**x2 + 2x - 1**

**Perimeter is :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Perimeter is :\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Example 2:** Use the picture to find the missing side of each shape given the perimeter.

**Perimeter: 2x2 – 4x + 5 Area**

**?**

**2x - 1**

**x - 2**

**x2 + 3x**

**Example 3:** Use the picture to find the area of the shaded regions.

1. Find the area of the rectangle.
2. Find the area of the shaded region.

**2x - 3**

**3x - 4**

**2x - 3**

**3x + 5**

**3x**

**2x3**