Homework: pg 198 #1c, 2, 3, 4ab, 5, 8, 10, (11), 13

**Intersection of Linear and Quadratic Functions**

**Warm-up**

Determine the point of intersection of the two lines and using a variety of techniques.

Elimination Substitution Graphing



**y**

**x**

**Example 1**

Determine the point(s) of intersection of the line and the parabola .



**y**

**x**

**Example 2**

Determine the point(s) of intersection of the line and the parabola .



**y**

**x**

**Example 3**

Determine the point(s) of intersection of the parabola and the line .



**y**

**x**