

Xavier University of Louisiana

Study Guide for the Xavier Mathematics Placement Test

## 8. Graphing linear and quadratic equations

### Practice Problems

Sketch the graph of the following equations:

1.  $2x - 3y = 6$

2.  $y = \frac{3}{2}x - 3$

3.  $3x + 6 = 0$

4.  $4y = 8$

5.  $y = x^2 - 4$

6.  $y = x^2 - x - 2$

7.  $y = (x - 2)(x + 1)$