

**Math 0406-Learning Outcome: Solve Linear Inequalities**

1.  $5x - 1 \leq -11$

2.  $-5x < -15$

3.  $x - 1 < 3$

4.  $5 - x < 8$

5.  $6x + 5 < 4x - 5$

6.  $\frac{2}{3}x \geq 12$

7.  $2x + 3 > 17$

8.  $8 - 4x > 32$

9.  $7x - 3 > 4x + 8$

10.  $9x + 5 < 8x - 5$

## Math 0406-Learning Outcome: Solve Linear Inequalities

### Answers:

1.  $x \leq -2$

2.  $x > 3$

3.  $x < 4$

4.  $x > -3$

5.  $x < -5$

6.  $x \geq 18$

7.  $x > 7$

8.  $x < -6$

9.  $x > 11/3$

10.  $x < -10$