

**Section 4.1 (Pages 17)**

**Multi-Step Inequalities**

**Solve each inequality and graph its solution.**

1.  $3x - 4 < 2x + 3$



2.  $4x + 2 > 3x + 10$



3.  $-2x + 5 > -3x$



4.  $3(x + 2) < 10$



5.  $4(x - 2) + 3 < 1$



6.  $-2 < 3x + 4 < 10$



7.  $5x - 4 > 2x + 10$



8.  $-2(x + 3) + 4 < 10$



9.  $3(2x + 4) < 10 + 5x$



10.  $5(x + 2) + 3 < 10$



11.  $-3x + 2 < 4x + 10$



12.  $-2 < 3x + 4 < 10$

