

**Solve each inequality. Give your answer in interval notation**

5.  $|4 - 3x| - 2 < 4$

6.  $|3 - 2x| + 2 > 5$

7.  $\left| \frac{x + 2}{3} \right| \geq 3$

8.  $\left| \frac{x - 5}{4} \right| \leq 6$