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. \(\left|\frac{x-5}{4}\right| \leq 6\)