Inequalities worksheet

Solve

1. 5 - 6x > -19	**2.** 4(x - 2) ≥ 20
3. $\frac{5x-1}{4} > 3x$	**4.** 2(x + 1) − 3(x − 2) < x + 6

5. $\frac{2}{3}\left[x - \left(1 - \frac{x-2}{3}\right)\right] + 1 \leq x$

6. $\frac{3(x-2)}{5} \leq \frac{5(2-x)}{3}$

7. $81^{5x-11} \geq 27^{3x+15}$

8. $9^{5x-11} \geq \left(\frac{1}{3}\right)^{3x+15}$