1. Solve for $x$: $|2x + 5| = 7$

2. Solve the inequality for $x$: $1 < 1 - 2x < 3$

3. The inequality $|x - 2| < 1$ means the distance between _____ and _____ is ___________________. Therefore, the solution will be 1 interval.

4. Find the solution to the inequality in problem 3.

5. Without doing any more work, solve $|x - 2| > 1$

6. Solve the inequality $|3x - 1| > 8$

7. Without doing any more work, solve $|3x - 1| < 8$