CW on Absolute Value Equations and Inequalities

Solve the following. <u>Graph your solution on a number line.</u>

1. $\lvert 2x - 3 \rvert = 3$	2. $\lvert x + 4 \rvert = -2$
3. $2\lvert x + 1 \rvert - 5 = -1$	4. $-3\lvert 2x + 7 \rvert = -9$
5. $\lvert x + 1 \rvert > 3$	6. $\lvert x + 1 \rvert < -20$
7. $\lvert x + 1 \rvert > -20$	8. $\lvert x \rvert - 12 \le -6$
9. $5\lvert x - 6 \rvert - 2 > 8$	