Solving Absolute Value Equations and Inequalities

Solve the inequality, then graph on a number line.

1) $|6x - 3| = 15$ $\qquad\qquad$ $x = -2, 3$

2) $|4x - 9| \leq 21$ $\qquad\qquad$ $-3 \leq x \leq 7.5$

3) $|3x - 2| > 18$ $\qquad\qquad$ $x < -\frac{16}{3}$ or $x > \frac{20}{3}$

4) $\left|20 + \frac{1}{2}x\right| > 6$ $\qquad\qquad$ $x < -52$ or $x > -28$