

STUDY GUIDE (2.8)

olve each equation.

1) $|x - 2| = 5$

2) $|3x - 9| = -12$

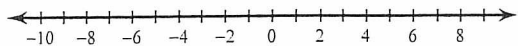
3) $-5|-4k - 8| = -80$

4) $|6p - 10| - 3 = -3$

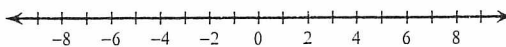
5) $\frac{|5n + 3|}{7} = 5$

Solve each inequality and graph its solution. (interval notation)

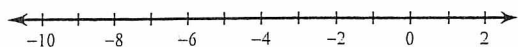
6) $\left| \frac{a}{6} \right| > 1$



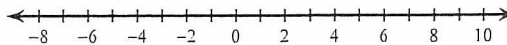
7) $|3 - 8a| \leq 59$



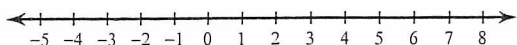
8) $-8|-3r - 9| > -48$



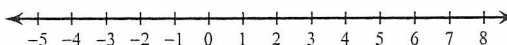
9) $|2 - 9m| - 8 < 62$



10) $10 + |-2n - 9| < -21$



11) $\frac{|3x - 9|}{10} \geq -1$



12) $2|3 + 2n| \geq 38$

