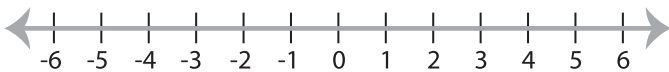


## Solving & Graphing Inequalities

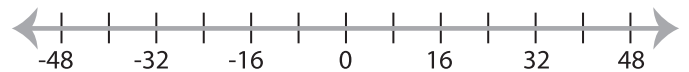
Multi-step: S3

Solve each problem and graph the solutions.

1)  $9(5x + 12) > -27$  and  $26 > -2(5 - 6x)$



2)  $6(2x + 8) < -48$  or  $2 \geq \frac{3x - 14}{5}$



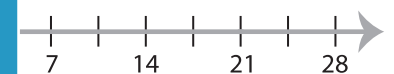
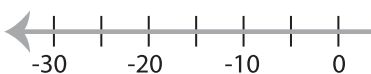
3)  $-2(4x + 21) \geq -10$  and

or  $5(8x - 22) \leq -30$



5)  $-4 > \frac{x}{5} - x$  or  $10 > 2x - 4$

14



# PREVIEW

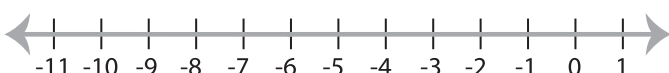
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7)  $\frac{8x - 32}{3} > -24$  or  $\frac{4x + 48}{3} > 8$



8)  $11 \geq 3x - \frac{7x}{6} > -22$

