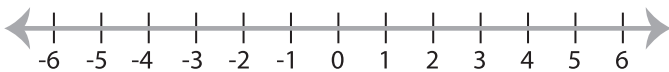


## Solving & Graphing Inequalities

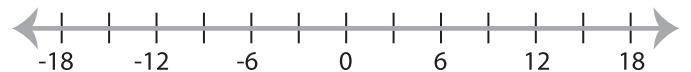
Multi-step: S2

Solve each problem and graph the solutions.

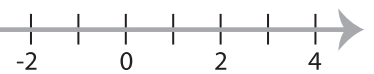
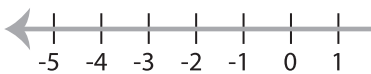
$$1) \frac{4x - 28}{3} \geq -12 \text{ or } 1 < \frac{2x + 7}{5}$$



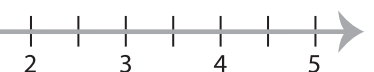
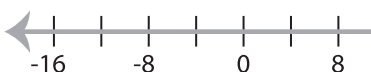
$$2) -14 > 7(2x + 10) \text{ and } -11 < \frac{x}{3} - 4x$$



$$3) 2(7x - 16) \leq 24 \text{ and } \frac{6x - 9}{5} \geq -3$$



$$5) 19 > \frac{5x + 18}{2} > -11$$



# PREVIEW

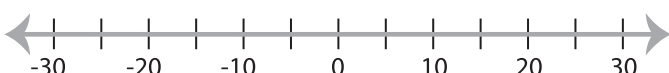
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$$7) 2(9x - 38) \leq 14 \text{ and } -2 > \frac{1}{8}(6x + 14)$$



$$8) 3(4x + 6) \leq -30 \text{ or } 21 < 7(2x - 17)$$

