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solution is the set  $(-\infty, 2)$ . Solve  $5 - 3x < 5x + 2$ .  
Answer  $1 < x$  [Divide both sides by 8.] In interval notation, the solution is the set  $(1, \infty)$ . Solve  $-7 < 2x + 5 < 9$ . Answer  $-6 < x < 2$  [Divide by 2.] In interval notation, the solution is the set  $(-6, 2)$ . Solve  $3 < 4x -$

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$l < 5$ . Answer  $1 \leq x < \infty$  [Divide by 4.] In interval notation, the solution is the set  $[1, \infty)$ .

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