Solving Absolute Inequalities

Two-step: S3

Solve each inequality.

1)
$$|2x - 10| < 40$$

2)
$$\left| - |x - 5| + 7 > 6 \right|$$

$$3) \left(\frac{|x|}{19} + 47 \ge 4 \right)$$

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7) |2x-1| < 35

|x + 15|-8:

5)

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$$9) \left(\frac{|x|}{12} - 41 \le -52 \right)$$

$$10) \boxed{\frac{|x-2|}{3} > 5}$$