Test question bank

Brandon has a budget of \$58 to spend on clothes. The shirts he wants to buy are on sale for \$9 each, and the pair of pants he wants costs \$21. All prices include tax. Which inequality could be used to determine s, the maximum number of shirts Brandon can buy if he also buys the pair of pants? **F** $21s + 9 < 58$ **G** $9s + 21 \leq 58$ **H** $30s < 58$ **J** $9s - 21 \leq 58$ **What is the solution to the inequality $x - 5 > 14$?** **A** $x > 9$ **B** $x > 19$ **C** $x < 9$ **D** $x < 19$ **What is the solution set of the inequality $5 - \lvert x + 4 \rvert \leq -3$?** **A** $-2 \leq x \leq 6$ **B** $x \leq -2$ or $x \geq 6$ **C** $-12 \leq x \leq 4$ **D** $x \leq -12$ or $x \geq 4$	

What is the solution to the inequality below?

$$12x > 5(x-2)$$

A $x > -\frac{2}{7}$

B $x < -\frac{2}{7}$

C $x > -\frac{10}{7}$

D $x < -\frac{10}{7}$