Why Did They Try To Build A House On Orgo’s Head?

Solve any inequality below and draw a straight line connecting it to the inequality that describes the solution set. The line will cross a number and a letter. The number tells you where to put the letter in the boxes at the bottom of the page. Keep working and you will discover the answer to the title question.

1. \(3x + 8 > 2\)  
   - \(x \geq -21\)

2. \(7x - 1 < 20\)  
   - \(x > 5\)

3. \(8 - 4x > -12\)  
   - \(x > -2\)

4. \(-5x - 9 \geq -4\)  
   - \(x > -4\)

5. \(63 + 12x < 15\)  
   - \(x \leq 7\)

6. \(-8x + 25 \leq -31\)  
   - \(x < 3\)

7. \(-10 + 2x \geq -52\)  
   - \(x \leq -1\)

8. \(15 > 6x - 9\)  
   - \(x < 14\)

9. \(48 < 20 - 14x\)  
   - \(x > 7\)

10. \(-60 \geq 9x + 3\)  
    - \(x \leq -7\)

11. \(18 - 10x < -22\)  
    - \(x > -9\)

12. \(7 < 3x - 8\)  
    - \(x < 5\)

13. \(-12x - 8 \leq 64\)  
    - \(x < 4\)

14. \(-17 > -7x - 45\)  
    - \(x > 4\)

15. \(3x - 42 < 0\)  
    - \(x \geq -11\)

16. \(44 \geq -8x - 44\)  
    - \(x \geq -6\)

17. \(4x + 12 > -24\)  
    - \(x < -4\)

18. \(-17 \leq -6x + 25\)  
    - \(x < -2\)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18