

Find the possible values of X

$$5x-9-(x+11) < 2x+10 < x+11+5x-9$$

$$5x-9-x-11 < 2x+10$$

$$4x-20 < 2x+10$$

$$2x < 30$$

$$x < 15$$

Nov 30-1:46 PM

$$4-3 < 5 < 3+4$$

$$1 < 5 < 7$$

$$5-4 < 3 < 5+4$$

$$1 < 3 < 9$$

$$5-3 < 4 < 5+3$$

$$2 < 4 < 8$$

Nov 30-2:02 PM

$$5x-9-(x+11) < 2x+10 < x+11+5x-9$$

$$5x-9-x-11 < 2x+10 < 6x+2$$

$$4x-20 < 2x+10 < 6x+2$$

$$2x < 30 < 4x$$

$$x < 15 < 2x$$

$$2 < x < 15$$

Nov 30-2:05 PM

$$6x-11-(3x-1) < 2x+3 < 6x-11+3x-1$$

$$6x-11-3x+1 < 2x+3 < 9x-12$$

$$3x-10 < 2x+3 < 9x-12$$

$$x < 13$$

$$\frac{15}{7} < \frac{7x}{7}$$

$$\frac{15}{7} < x$$

Nov 30-2:08 PM

Nov 30-2:17 PM

16    6    7    11

4    6    18

5    7    17

1    11    13

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17  
~~NO~~ 3 6 9  
 (6-3) 9 6+3  
 $3 < 9 < 9$   
 No

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18  
 up 28 34 39  
 $6 < 39 < 62$

Nov 30-2:27 PM

20  
 3yd 5ft 8ft  
 9ft 5ft 8ft  
 5 8 9  
 $3 < 9 < 13$

Nov 30-2:28 PM

21  
 $7 < X < 17$   
 22  $1 < X < 7$   
 23  $6 < X < 30$   
 24  $13 < X < 33$

Nov 30-2:29 PM

25  
 2 ft 40"  
 24 " 40"  
 $16 < X < 64$   
 26  $0 < X < 50$

Nov 30-2:31 PM

Nov 30-2:35 PM