Name		Date	Class
LESSON Practice B	lute-Value F	quations ar	nd Inequalities
Solve each equation.		iquationo ai	ia moquantioo
1. $ 2x + 1 = 7$	2. $ -7x =$	28	3. $3 3x - 7 = 2$
4. $ 2x-5 = 5$	5. $2 x+1 $	= 14	6. $ 4 - x + 2 = 9$
Solve each inequality or consolution. 7. $-4x + 2 > -10$ and $5x$	mpound inequa c – 12 < 8	lity. Then graph 8. $3x - 4 \ge$	the 8 or − <i>x</i> + 12 > 16
-5 -4 -3 -2 -1 0 1	<u>+ </u> ► 2 3 4 5	5 -4 -	3 −2 −1 0 1 2 3 4 5
9. 9 <i>x</i> ≥ 18		10. 3 <i>x</i> - 7 2	> 8
-5 -4 -3 -2 -1 0 1	2 3 4 5	-5 -4 -	-1 -1 -1 -1 -1 3 -2 -1 0 1 2 3 4 5
11. $ 0.3x > 1$		12. 7 <i>x</i> - 12	2 ≤ 9



Solve.

13. Any measurement is accurate within ± 0.5 of the measurement unit. For example, if you measure your pencil to the nearest inch, your measurement could be 0.5 inch too long or 0.5 inch too short. Write an absolute-value inequality that shows the maximum and minimum actual measure of a nail measured to be 4.4 centimeters to the nearest 0.1 centimeter.