

Absolute Value Inequalities

Directions: Solve each inequality and graph your solution on a number line.

1. $|x - 16| \geq 4$

2. $2|v - 2| \leq 12$

3. $\frac{|x|}{-2} > -12$

4. $|x - 5| < -6$

5. $3|5 - x| + 7 < 22$

6. $2\left|\frac{1}{2}x - \frac{2}{3}\right| \geq \frac{1}{3}$

7. $|5g - 4| - 6 \leq -4$