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Algebra - Solving Inequalities

The video covers the following exercises. Please print this sheet and work along!

Add 3 to both sides
 $2 < 6$

Divide both sides by 2
 $2 < 6$

Multiply both sides by -1
 $2 < 6$

$$3x + 1 > 22$$

$$-3x + 1 > 22$$

$$10 > -2x$$

$$x \leq \frac{3-x}{2}$$

$$\frac{2x-6}{4} > \frac{x-3}{2}$$

(please circle one)

“at least” means: $<$ \leq \geq $>$

“at most” means: $<$ \leq \geq $>$

“no more than” means: $<$ \leq \geq $>$

“no less than” means: $<$ \leq \geq $>$