

Unit 7 Objective 8 Remediation
Apply the division property of inequality

Goal: Get the variable by itself by dividing a number from each side of the inequality.

➤ Write all answers with the variable coming first

Remember:

When you divide both sides on an inequality by a negative number you must **FLIP the inequality sign!**

A. $3x \geq -6$

$$\div 3 \quad \div 3$$

$$x \geq -2$$

B. $-3x < -21$

$$\div -3 \quad \div -3$$

$$x > 7$$

Try These:

1.) $4g > 16$

2.) $6k < -12$

3.) $26 \geq 2h$

4.) $-2t > 8$

5.) $3j \leq -24$

6.) $-3p \geq 6$

7.) $4h < -8$

8.) $25 > -5m$

9.) $-5x \geq 25$

10.) $2n > 2$

11.) $-3x > 0$

12.) $-3n > 15$

13.) $8a < 96$

14.) $-3v > 45$

15.) $10b \leq -10$

16.) $-6x < -42$

17.) $-8b < -72$

18.) $-4x > 4$