## **EXAMPLE 2** Solve an inequality using multiplication



**USING DIVISION** The rules for solving an inequality using division are similar to the rules for solving an inequality using multiplication.



EXAMPLE 3		Solve an inequality using division
	Solve $-3x > 24$	•
	-3x > 24	Write original inequality.
	$\frac{-3x}{-3} < \frac{24}{-3}$	Divide each side by −3. Reverse inequality symbol.
	<i>x</i> < -8	Simplify.
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