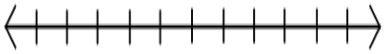
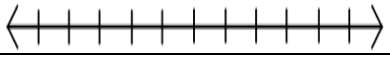
Cornell Notes

Topic: Solving Inequalities Using Multiplication or Division Lesson 7.7

Name: _____
Date: _____
Period: _____

Essential Question: How can you use multiplication or division to solve an inequality?

Questions/Main Ideas:	Notes:
Vocabulary	**Multiplication Property of Inequality**- multiply each side of an inequality by the same positive number, the inequality remains true.
	Division Property of Inequality- divide each side of an inequality by the same positive number, the inequality remains true.
Example 1	**Solving an Inequality Using Multiplication**
	$\frac{X}{5} \leq 2$ 
Example 2	**Solving an Inequality Using Division**
	Solve $4n > 32$. Graph the solution.
	
Your Turn!	1.) $1 < \frac{s}{7}$ 2.) $\frac{3}{5} q \leq 6$
	3.) $11k \leq 33$ 4.) $50 \leq 2m$

Summary: **Students should write a summary reflecting the above essential question.**