Math 7 **Unit – Inequalities**

Writing Inequalities

By the end of this lesson you will be able to _____.

Example 1 – How are inequality symbols used to compare values?

Inequalities are math statements where…	Example
1) _____	_____
2) _____	_____
3) _____	_____
4) _____	_____

Use the correct strict inequality symbol to compare each expression.

1) 20 – 7 _____ 8(2)

2) 12^2 _____ 5^3

3) 2(2 + 4) _____ -3(4)

4) $2 - 2^2$ _____ -3

Example 2 – Match the inequality to each situation.

1) $x < 45$ _____

2) $x > 45$ _____

3) $x \pounds 45$ _____

4) $x \ ^3 \ 45$ _____

My Steps…

1)

2)

3)

Example 3 - Write an inequality to represent each situation.

1) You must be at least 16 to get your driver's license.

2) The car can seat no more than 6 people.

3) The car insurance will be less than $300 per year.

4) The gas will cost more than $3 per gallon

My Steps…

1)

2)

3)

Your Turn to Practice

Write down each statement from the video practice section. Write the inequality to represent each statement.

	Statement	Inequality
1)	_____	_____
2)	_____	_____
3)	_____	_____
4)	_____	_____
5)	_____	_____
6)	_____	_____