8.5 Inequalities (6.EE.5 and 6.EE.8)

Vocabulary

A math sentence that says two quantities are _ Inequality:

Symbols:



· less than or equal to

Guided Practice

Determine which number is a solution of the inequality.

$$(7)8,9$$
 $\frac{9}{110}$ $\frac{9}{17}$ $\frac{9}{18}$

Is the given value a solution of the inequality?

30730





8.) 44 - k ≥ 30

30230 9.) If the bakery sells more than 45 bagels in a day, they make a profit. Use the inequality b > 45 to determine which days the bakery makes a profit.

	Day	Number of Bagels Sold
	Monday	18
	Tuesday	25
	Wednesday	21
	Thursday	36
	Friday	50
	Saturday	48
	Sunday	40

The bakery makes a profit on Fridays and Saturdays.

Partner Talk

Determine which number is a solution of the inequality.

g - 3 > 4

Building on the Essential Question - How can mental math help you find solutions to inequalities?

Mental math can help determine if certain number makes the inequality Rate Yourself - TVUC.

___ I understand how to solve inequalities.

___ I still have questions about inequalities.