

7.5 A

Writing Inequalities Practice

Name _____ Period _____

Fill in the chart using the following vocabulary words:

at most	maximum	less than or equal to	no more than
less than	no less than	fewer than	more than
greater than or equal to	greater than	minimum	at least

$<$	$>$	\leq	\geq

Circle each number that makes the statement true. Then write an inequality.

a. "Your friend is *more than* 3 minutes late."

-3 -2 -1 0 1 2 3 4 5 6

Inequality _____

b. "The temperature is *at most* 2 degrees."

-5 -4 -3 -2 -1 0 1 2 3 4

Inequality _____

c. "You need *at least* 4 pieces of paper for your math homework."

-3 -2 -1 0 1 2 3 4 5 6

Inequality _____

d. "After playing a video game for 20 minutes, you have *fewer than* 6 points."

-2 -1 0 1 2 3 4 5 6 7

Inequality _____

Write the word sentence as an inequality.

1. A number b times 3.5 is no less than 21.

Inequality _____

2. The quotient of a number y and 9 is greater than 4.

Inequality _____

3. The difference between a number h and $\frac{1}{4}$ is at most 0.

Inequality _____

4. The sum of a number w and 2.56 is at least 10.24.

Inequality _____

5. A number c is less than 12.

Inequality _____