

NAME:

PERIOD:

Directions: Answer the following questions.

1. What is the difference between an open circle and a closed circle? (Definition and Symbol) /2

2. Refer to the statements below: /3
a. "x is greater than 4.7."
b. "4.7 is less than x."

Represent each statement algebraically.

a. b.

Explain why both statements are true.

3. Consider the inequality $x < 5.5$ (x is less than 5.5). /2
a. List at least three (3) possible values for x.

b. How many values are possible for x? Explain.

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