

Your name: _____

I - _____
II - _____
III - _____

I. A. Match the definitions in Column A with the correct answer in Column B. Write the letter of your answer on the space provided.



_____ 1. \leq

_____ 3. \circ

_____ 4. $>$

_____ 5. \bullet

_____ 6. $<$

_____ 7. \geq

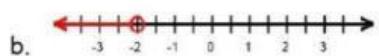
_____ 8. Greater than means to the _____.

_____ 9. Less than means to the _____.

_____ 10. $y < -2$

B

a. hollow dot



c. right

d. number line

e. greater than or equal to

f. less than

g. less than or equal two

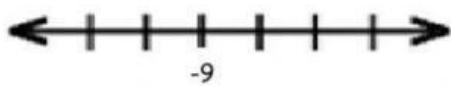
h. solid dot

i. left

j. greater than

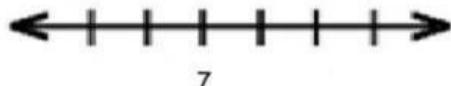
II. A. GRAPH the linear inequalities given below then write its solution in interval notation.

1 - 3) $a > -9$



Solution Set: _____

4 - 6) $b < 7$

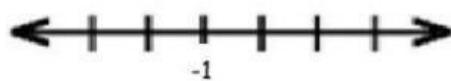


Solution Set: _____

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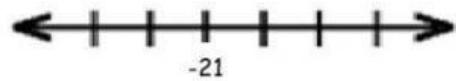
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$$7 - 9) \quad k \leq -1$$



Solution Set: _____

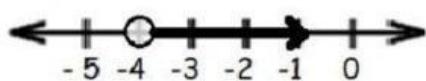
$$10 - 12) \quad p \geq -21$$



Solution Set: _____

B. Write an INEQUALITY and SOLUTION for each given.

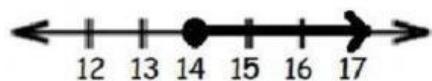
$$13 - 14)$$



Inequality: _____

Solution Set: _____

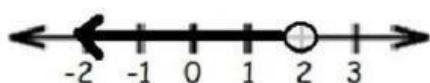
$$15 - 16)$$



Inequality: _____

Solution Set: _____

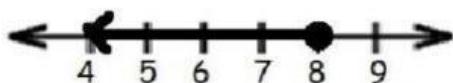
$$17 - 18)$$



Inequality: _____

Solution Set: _____

$$19 - 20)$$



Inequality: _____

Solution Set: _____

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