

## INEQUALITY WORD PROBLEMS

Name \_\_\_\_\_

1. The price of a 2-pack Shopkin should not be more than \$4. Choose an inequality for this situation.

A.  $x < 4$       B.  $x > 4$       C.  $x \leq 4$       D.  $x \geq 4$

2. The height of a person should not be less than 4 ft to ride the roller coaster. Choose an inequality for this situation.

A.  $x < 4$       B.  $x > 4$       C.  $x \leq 4$       D.  $x \geq 4$

3. Ashley scores more than 90 A on an average in all subjects. Choose an inequality to represent this situation.

A.  $x < 90$       B.  $x > 90$       C.  $x \leq 90$       D.  $x \geq 90$

4. Aimee is flying a plane for the first time! The air traffic controller tells her to fly at 500 m above the ground or higher. Write an inequality that is true only for elevations at which Aimee should fly.

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5. I have \$10 to spend at Claire's. Circle the inequalities that explain this situation.

$$x \leq 10$$

$$x > 10$$

$$10 \geq x$$

$$10 < x$$

**6. Kyle has at least 150 followers on Facebook. Circle the inequalities that explain this situation.**

$$x \leq 150$$

$$x \geq 150$$

$$150 \leq x$$

$$150 \geq x$$

**7. Write an inequality for this situation. My friends and I had a pack of 20 gumballs. We ate less than the whole pack.**

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**8. Write a real life situation for the inequality  $x < 2$ .**

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**9. Write a real life situation for the inequality  $x \geq 5$ .**

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**10. The speed limit is 70 mph. What is the inequality that represents an acceptable driving speed?**

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