

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.

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.

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

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

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