

Name _____

Write Inequalities**COMMON CORE STANDARD—6.EE.8***Reason about and solve one-variable equations and inequalities.***Write an inequality for the word sentence. Tell what type of numbers the variable in the inequality can represent.**

1. The width
- w
- is greater than 4 centimeters.

The inequality symbol for “is greater than” is $>$. **$w > 4$, where w is the width in centimeters. w is a positive number.**

2. The score
- s
- in a basketball game is greater than or equal to 10 points.

3. The mass
- m
- is less than 5 kilograms.

4. The height
- h
- is greater than 2.5 meters.

5. The temperature
- t
- is less than or equal to
- -3°
- .

_____**Write a word sentence for the inequality.**

6. $k < -7$

7. $z \geq 14$

8. $m \leq 2\frac{3}{5}$

9. $f > 0.24$

_____**Problem Solving**

10. Tabby's mom says that she must read for at least 30 minutes each night. If
- m
- represents the number of minutes reading, what inequality can represent this situation?

11. Phillip has a \$25 gift card to his favorite restaurant. He wants to use the gift card to buy lunch. If
- c
- represents the cost of his lunch, what inequality can describe all of the possible amounts of money, in dollars, that Phillip can spend on lunch?
