

Name _____

Solutions of Inequalities**COMMON CORE STANDARD—6.EE.5***Reason about and solve one-variable equations and inequalities.***Determine whether the given value of the variable is a solution of the inequality.**

1. $s \geq -1; s = 1$

2. $p < 0; p = 4$

3. $y \leq -3; y = -1$

$$1 \stackrel{?}{\geq} -1$$

solution

4. $u > -\frac{1}{2}; u = 0$

5. $q \geq 0.6; q = 0.23$

6. $b < 2\frac{3}{4}; b = \frac{2}{3}$

7. $j \leq -5.7; j = -6$

8. $a > -8; a = -7.5$

9. $w \geq 4.5; w = 4.45$

Give two solutions of the inequality.

10. $k < 2$

11. $z \geq -3$

12. $f \leq -5$

Problem Solving

13. The inequality $s \geq 92$ represents the score s that Jared must earn on his next test to get an A on his report card. Give two possible scores that Jared could earn to get the A.

14. The inequality $m \leq \$20$ represents the amount of money that Sheila is allowed to spend on a new hat. Give two possible money amounts that Sheila could spend on the hat.