

Name _____



Date _____

Inequalities

State whether the value for the unknown makes the inequality true or false.

1. $204 > 17w$ $w = 19$	2. $\frac{180}{j} \geq 10$ $j = 7$	3. $\frac{gg}{8} \leq 5$ $g = 6$
4. $7a > 83$ $a = 11$	5. $27 \geq 20 + f$ $f = 7$	6. $34 - v < 28$ $v = 10$
7. $\frac{54}{t} \leq 6$ $t = 4$	8. $19 - c < 8$ $c = 11$	9. $2 \geq \frac{u}{11}$ $u = 20$
10. $13r \leq 70$ $r = 14$	11. $27 + s \geq 31$ $s = 10$	12. $12 < 3m$ $m = 4$
13. $31 > 18 + d$ $d = 15$	14. $35 - p \leq 19$ $p = 16$	15. $2 < \frac{16}{e}$ $e = 19$
16. $11 > \frac{x}{12}$ $x = 64$	17. $14k \geq 84$ $k = 6$	18. $104 > 12b$ $b = 2$
19. $26 + y \leq 34$ $y = 7$	20. $17 > \frac{q}{5}$ $q = 42$	21. $11 < 22 - z$ $z = 11$