

Name \_\_\_\_\_



Date \_\_\_\_\_

## Inequalities

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

Enter answers  
in text boxes.

1. $23 < \frac{fg}{3}$  $g = 44$	2. $20 - f > 11$  $f = 9$	3. $4y \leq 36$  $y = 16$
4. $24 > 21 + t$  $t = 3$	5. $6 < \frac{24}{d}$  $d = 12$	6. $26 \leq 7j$  $j = 7$
7. $35 - z \geq 30$  $z = 2$	8. $\frac{72}{x} \geq 9$  $x = 14$	9. $20 < \frac{p}{7}$  $p = 140$
10. $8k \leq 20$  $k = 4$	11. $32 + m \leq 36$  $m = 9$	12. $120 > 15r$  $r = 8$
13. $19 - q \geq 4$  $q = 15$	14. $34 \geq 22 + u$  $u = 9$	15. $\frac{165}{h} > 11$  $h = 18$
16. $13c < 91$  $c = 5$	17. $111 \geq 9v$  $v = 22$	18. $\frac{b}{4} \leq 5$  $b = 20$
19. $15 - w \leq 3$  $w = 12$	20. $33 < 31 + e$  $e = 13$	21. $16 \geq \frac{n}{8}$  $n = 137$