Inequalities

State whether the value for the variable makes the inequality <u>true</u> or <u>false</u>. For each false answer, find a value that makes it true.

1. $25x > 125$ $x = 10$	2. $\frac{a}{10} < 14$ $a = 140$	3. $\frac{w}{3} \leq 7$ $w = 12$
4. $15 + b \leq 28$ $b = 6$	5. $15j \leq 75$ $j = 8$	6. $q - 27 < 12$ $q = 49$
7. $\frac{c}{4} \geq 9$ $c = 36$	8. $20p < 60$ $p = 5$	9. $\frac{t}{6} \leq 9$ $t = 66$
10. $y - 20 \geq 5$ $v = 20$	11. $16 + d \geq 21$ $d = 12$	12. $8n > 72$ $n = 5$
13. $7u < 14$ $u = 3$	14. $\frac{h}{5} < 23$ $h = 115$	15. $\frac{f}{7} > 5$ $f = 28$
16. $14a \leq 70$ $a = 3$	17. $j - 32 \leq 24$ $j = 56$	18. $p + 28 < 31$ $p = 5$
19. $9r < 72$ $r = 9$	20. $18 + s \geq 29$ $s = 11$	21. $v - 14 \leq 3$ $q = 27$

LIVEWORKSHEETS

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