

Chapter Test (pg. 156) Answers

1. $k + 19.5 \leq 40$

2. $\frac{1}{4}q > -16$

3. yes

4. no

5. yes

6. yes

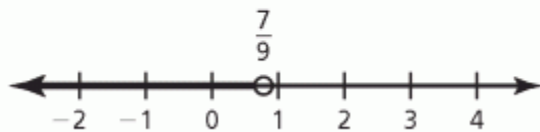
7. $w \leq -1$;



8. $x > -2$;



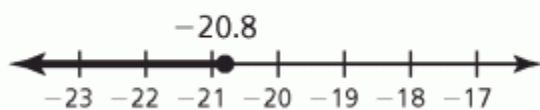
9. $y \leq \frac{7}{9}$;



10. $z \leq -6$;



11. $p \leq -20.8$;



12. $k \geq 7$;



13. $b \leq \frac{5}{7}$;



14. $d > -4$;



15. $0.25g \leq 2.50$; $g \leq 10$ gumballs

16. a. $8g \leq 100$; $g \leq 12.5$

b. Twelve guests because 12 is the largest whole number that satisfies the inequality.

17. $30 - 5c \geq 10$; $c \leq 4$ packs of cards