Answer Key to textbook pg. 156 # 1 – 17 odd

1. $k + 19.5 \leq 40$

3. yes

5. yes

7. $w \leq -1$ The graph should have a closed circle on -1 and the line should be shaded to the left.

9. $y \leq 7/9$ The graph should have a closed circle on 7/9 which should be on the number line between 0 and 1. Then, the other solutions should be shaded to the left.

11. $p \leq -20.8$ The graph should have a closed circle on -20.8 which should be on the number line between – 20 and -21. The remaining solutions are shaded to the left.

13. $b \leq 5/7$ The graph should have a closed circle on 5/7 which should be on the number line between 0 and 1. The remaining solutions are shaded to the left.

15. This is a 3 boxes problem! The correct inequality set up is $0.25g \leq 2.50$. When you solve, you should get $g \leq 10$ gumballs.

17. This is a 3 boxes problem! The correct inequality set up is $30 - 5c \geq 10$. When you solve, you should get $c \leq 4$ packs of cards.