

Algebra 2
1.6 Homework #2

Name: _____

p. 45

11.	17.
18.	19.
20.	31.
36.	37.

38.	39.
68.	69.

Page 49 Vocabulary Check #1-10

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.

Key:

Pg 45

11. $43.96 \leq c \leq 77.94$	17. $\{k \mid k < -4 \text{ or } k > 4\}$
18. $\{x \mid x > \frac{14}{3} \text{ or } x > -2\}$	19. $\{t \mid \frac{-7}{8} \leq t \leq \frac{1}{8}\}$
20. $\{n \mid -1 < n < \frac{1}{3}\}$	31. $55 \leq w \leq 70$
36. no solution	37. $\{z \mid z < -1 \text{ or } z > 5\}$
38. $\{p \mid \frac{-9}{4} < p < \frac{5}{4}\}$	39. $\{f \mid f > \frac{26}{5} \text{ or } f < \frac{-22}{5}\}$
68. a) $800 + 5f \leq 1000$ b) she can spend no more than \$40 per day on food	69. $\{0, 10\}$

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1. false	2. false
3. true	4. false
5. true	6. true
7. false	8. true
9. true	10. true