**Unit 2 Day 10 HW Study Guide: Unit 2 Test Name

Solving Absolute Value Equations** 1)  2)  3) 

 4)  5)  6) 

**Solve and Graph Linear Inequalities***Solve, graph, and give the interval notation.*

7) 8)  9) 



Inequality notation: Inequality notation: Inequality notation:

Interval notation: Interval notation: Interval notation:

**Solve and Graph Compound Inequalities***Solve, graph, and give the interval notation.*

10)  11) 

Inequality notation: Inequality notation:

Interval notation: Interval notation:

12)  13) 

Inequality notation: Inequality notation:

Interval notation: Interval notation:

 **Applications. BE SURE TO LOOK OVER ALL PREVIOUS WORD PROBLEMS!**

**14)** You are making your Halloween costume from scratch this year. You know you only have $30 to spend.

You plan on being Wonder Woman. You know that felt costs $5 a yard and spandex costs $3 a yard. You already know that you need 2 yards of spandex. How much felt can you afford to buy?

**15)** You are calculating your algebra grade. You know that you want to end up with at least an 80% for the quarter. So far your test scores are 75, 92, 84, 88 and 46 (oops…better study that material again!). There is one more test left. What do you need to score on this test so that you get the grade you want?