It’s that time again, time for April to host a huge April Fool party. For last year’s party she spent $70 on sodas and she bought 50 pounds of bananas. This year she plans to buy only half as many sodas. The price of soda this year is 20% more than it was last year. She also decided she needs three times as many bananas as last year, because the “pretend your banana is a phone and walk around the mall for 30 minutes” prank was so successful last year. Unfortunately the price of bananas is 75% more than the $.64 per-pound price she paid last year. She has $160 to spend on this year’s party. Does she have enough money, or does she need to borrow money from her roommate?

**10 points**

5 points for breaking the problem into subproblems with questions written in words, 3 points for detailed numeric solution for each question, 2 points for final answer \*circled\*.