At The Supermarket

1. The grocery manager at Central Supermarket needs to set the selling price for canned corn. Two competing stores are selling the same kind of corn in cans of the same size. At Gourmet Grocery, the price is 7 for $3. At Shop and Run, the price is 5 for $2.

   a. Which of the competing stores (Shop and Run or Gourmet Grocery) has the lower price for corn? Show how you get your answer.

   b. The manager at Central Supermarket wants to set her store’s price in between the prices at the other two stores. She wishes to do this by filling in the two blanks on this shelf label with whole numbers. Fill in a pair of numbers that she could use. Underneath, show how you know that your answer is correct.

   CORN
   Whole Kernel Niblets
   8 oz. can
   ______ for $_______
2. The bakery chef at Central Supermarket is collecting the ingredients to bake some brownies. His cookbook contains this ingredient list:

INGREDIENTS FOR BROWNIES

1/2 cup butter
1.5 ounces unsweetened chocolate
1 cup sugar
2 eggs
1 teaspoon vanilla
3/4 cup all-purpose flour
1/3 cup chopped nuts

Use a 6-inch by 9-inch baking pan.

However, the chef needs to use a commercial-size baking pan, 18 inches by 2 feet. Figure out how much of each ingredient would be needed to bake brownies in this pan. (The brownies should still have the same thickness as in the original recipe.)