**Blending. Pitchforks at ASU Tempe decided to start a cake business in the campus as there are lot of student birthday’s, graduations going on. To start with, they decided in baking two types of cakes: red velvet and tiramisu both of which consists solely of flour, sugar and butter. Currently they have 10,000 ounces of flour, 2000 ounces of butter, and 3000 ounces of sugar. The batter used in making red velvet must contain at least 20% butter, the batter used in making tiramisu must contain 10% butter and 10% sugar. Each ounce of red velvet can be sold for $1.4 and each ounce of tiramisu can be sold for $1.2. Determine how they can maximize their revenue from selling cakes.**