Unit 40 Practice Problems

Instructions: Solve the following problems using the procedures described on page 112.

1) A book is $1\frac{3}{4}$ inches thick. How many books can be stacked on a 10-inch shelf?

2) Juan plans to study $3\frac{1}{2}$ hours this weekend. On Saturday morning he studied $1\frac{3}{4}$ hours before lunch. After lunch he studied $\frac{1}{2}$ hour. How long must he study on Sunday?

3) Alice sold you her $105 bicycle for $\frac{2}{3}$ of its cost. How much more money does she need to buy a $100 radio?

4) Mary needs to feed 10 people at a small banquet. Each person will receive $\frac{5}{8}$ of a pound of roast beef costing $4.40 per pound. She paid fifty dollars for the roast beef. How much change did she receive?