Write and solve a system of equations for each situation. Define your variables. Mix your methods...

(1) Matt and Ming are selling fruit for a school fundraiser. Customers can buy small boxes of oranges and large boxes of oranges. Matt sold 3 small boxes of oranges and 14 large boxes of oranges for a total of $203. Ming sold 11 small boxes of oranges and 11 large boxes of oranges for a total of $220. Find the cost each of one small box of oranges and one large box of oranges.

(2) Ted and Tom are saving money. Tom has saved $1,477 and saves 64 more dollars each pay day. Ted has saved $948 and saves 87 more dollars each pay day. How many days until they have saved the same amount? How much would they have saved?

(3) Each month the Midwest cell phone company has an operating fee of $28.55 and charges $0.48 per minute of calls. Each month, the Drop-Yo-Call Corporation has an operating fee of $59 and charges $0.19 per minute of calls. After how many minutes would the charges be the same? How much would they both charge?

(4) Two countries are keeping track of the cost of a barrel of oil in their country. In country A, a barrel of oil costs of $40.05 and the price increases $0.08 each day. In country B, a barrel of oil costs $48.74 and the price decreases $0.03 each day. After how many days would the price be equal? What would that price be?

(5) A bookstore took in $167 on the sale of 5 copies of a new cookbook and 3 copies of a new novel. The next day it took in $89 on the sale of 3 copies of the cookbook and 1 copy of the novel. What was the price of eac book?