Math 34: Fall 2015

Section 6.3 (Distributing the Profits of A Business)

1. Carlos and Samuel’s business made a $17,500 profit last quarter. Carlos is entitled to 65% of the profits and Samuel is entitled to the rest. How much profit did each receive last quarter?

2. Somnath, Joel, Dikran and Martha own and run a food truck, that they set up as a business partnership. Because Joel does all the marketing, Somnath develops their recipes and because Dikran put up most of the money to buy the truck initially they agree to distribute the profits in unequal shares. They agree to the distribution Somnath and Joel each get 4 parts, Martha gets 3 parts, and Dikran gets 6 parts. The food truck made a profit of $8015 last month, and they agree to distribute this amount among them. How much does each person receive.

3. The Yum Yum Bakery Corp earned $598,855 last quarter, and the company’s management declared a dividend of $425,000. The company has 200,000 shares of stock issued. If you own 70 shares of the company’s stock, how much will you receive as a dividend?

4. (Optional) Liz, Sue, and Kris are equal partners in a small consulting business. Last year they made $40,135. They decide to reinvest $12,000 of that back in their business. How much should each receive?

5. (Optional) Johny’s Landscaping is a corporation. There are 100 shares of stock. Johnny owns 53 shares, and Dustyn owns 2. Last quarter the business earned $41,210 and the company declared a dividend of $36,000.
   (a) How much will Johny receive in dividend?
   (b) How much will Dustyn receive in dividends?