

## Supplemental Exercises

### Applications of Systems of Two Equations: Profit & Loss

#### Answer Key

- 1) \$3000 in the fund that made a 6% profit, \$1800 in the fund that lost 5%
- 2) \$2100 in the stock that lost 16%, \$4100 in the stock that increased by 7%
- 3) \$40,000 in the bank CD (& \$10,000 in the stock)
- 4) \$6650 in the stock that made a 2% profit (& \$2000 in the stock with a 12% loss)
- 5) \$2500 in the fund that lost 14% and \$1500 in the fund that lost 8%
- 6) \$12,500 in the first stock (10% loss) and \$25,000 in the second stock (20% loss)
- 7) \$8000 in the fund that made a 9% profit and \$12,000 in the fund that had a 13% loss
- 8) \$11,000 in the stock that increased by 6% and \$250,000 in the stock that took a 32% loss