

Elementary Algebra Skill

**Setting Up and Solving Mixture Problems II**

1. Four pencils and six pens cost \$18. Two pencils and five pens cost \$13.20. How much is a pencil and how much is a pen?
2. Six apples and a eight pears cost \$4.26. A dozen apples and six pears cost \$5.22. How much do 2 apples and three pears cost?
3. Two burgers and an order of fries cost \$3.20. Three burgers and two orders of fries cost \$5.20. How much is one burger and one order of fries?
4. Three adult tickets and two child tickets sold for \$50. Five adult tickets and three child tickets sold for \$81. How much was each type of ticket?
5. Five cans of soda and six bottles of water sold for \$12.75. Two cans of soda and eight bottles of water sold for \$13.50. How much did each type of drink cost?

## **Answers to Setting Up and Solving Mixture Problems II**

- 1.** \$1.35 for pencil and \$2.10 for pen
- 2.** \$1.53
- 3.** \$2
- 4.** \$12 adult and \$7 child
- 5.** \$0.75 soda and \$1.50 water