1. Maria is 5 years older than her brother John. The sum of their ages is 25. How old are Maria and John?

2. A school sold 120 tickets for a concert. Student tickets cost $3 each, and adult tickets cost $5 each. The total revenue was $510. How many student and adult tickets were sold?

3. In a fruit basket, there are twice as many apples as oranges. The total number of fruits is 36. How many apples and oranges are there?

4. Sarah has $1.50 in nickels and dimes. She has 3 more nickels than dimes. How many nickels and dimes does she have?

5. A car and a bus leave the same place and travel in the same direction. The car travels at 60 km/h, and the bus travels at 40 km/h. After 2 hours, the car is 40 km ahead of the bus. How far has each vehicle traveled?

6. A freight train leaves a station traveling at 45 km/h. Two hours later, a passenger train leaves the same station, traveling in the same direction at 75 km/h. How many hours after the passenger train leaves will it catch up with the freight train?

7. A person invests \$1,500 in two accounts: one with 5% interest and the other with 7% interest. The total interest earned after one year is \$93. How much was invested in each account?

8. Two real numbers are chosen such that the first is 96 more than 4 times the second number. In addition, subtracting twice the second from thrice the first gives 118. What are the two numbers?