2/12/2012

Introduction to Problem Solving:
Direct Translation Problems

1. The sum of 5 and twice a number is 35. Find the number.

(similar to p.135 #61-64)

2. The sum of four consecutive odd integers is 48

(similar to p.135 #65-66)

3. A total of $50,000 is to be divided between John and Bill. John is to receive $8,000 less than Bill. How much will each receive?

(similar to p.135 #71-72)

4. David and Sally have $50,000 to invest. Their advisor recommended that they put some in stocks and some in bonds. He has recommended that the amount in bonds should equal to one third of the amount in stocks. How much should be invested in stocks and how much in bonds?

(similar to p.135 #73-74)

5. David went shopping. His shirt cost $8 less than a pair of pants and his shoes cost $10 more than the pants. Find the cost of all the items if the total bill was $62?

(similar to p.136 #77-78)

6. In comparing cell phone companies. Company ABC charges $10 per month plus $0.20 per minute while company XYZ charges $0.25 per minute with no monthly service charge. For how many minutes will the monthly cost be the same?

(similar to p.136 #79-80)