Andrew, Bill, and Carmen invest in a corporation in the ratio of 2:7:6, respectively. The corporation makes a profit of \$57,000. If the profit is to be divided proportionally, how much should each person receive?

2x = amount Andrew receives (#) 7x = amount Bill receives (#) 6x = amount Carmen receives (#) 2x + 7x + 6x = 57000 15x = 570007 = 3800

The amounts each receive are:

Andrew: 2.3800 = \$7,600

Bill: 7.3800 = \$26,600

Carmen: 6.3800 = \$22,800

Chech: 7600 + 26600 + 22,800 = 57,000 Note that all the following ratios

are equivalent:

1:7:6

4:14:12

10:35:30

200:700:600

2x:7x:6x

Andrew, Bill, +

Carvien will
receive a multiple
of Z,7,+6,
respectively.