

## Financial Arithmetic

1. If three people share \$ 10500 among themselves in the ratio of 6:7:8 , how much is the largest share ?
2. An amount of money is shared among P, Q and R such that for every 3 P gets, Q gets 2 and for every 1 Q gets, R gets 4. Find P: Q : R
3. If  $a:b = 4:9$ , and  $b:c = 3:5$ , find  $a : b: c$
4. The sum of \$ 2400 is shared between Nelson, Neil and Amara. If Nelson receives \$ 600 and the remaining amount is shared between, Neil and Amara in the ratio 4:5 respectively. How much does Amara receive ?
5. A bussinessman decided to give 10 % of discount in all the purchases from his shop. How much will a customer pay for an item that was marked \$ 5400 ?
6. A company bought for \$ 1,000,000 was later auctioned for \$ 800,000. Find the loss percentage.

## Financial Arithmetic

## Answers

1. If three people share \$ 10500 among themselves in the ratio of 6:7:8 , how much is the largest share ?  
\$ 4000
2. An amount of money is shared among P, Q and R such that for every 3 P gets, Q gets 2 and for every 1 Q gets, R gets 4. Find P: Q : R
3. If  $a:b = 4:9$ , and  $b:c = 3:5$ , find  $a : b: c$       4 : 12 : 45
4. The sum of \$ 2400 is shared between Nelson, Neil and Amara. If Nelson receives \$ 600 and the remaining amount is shared between, Neil and Amara in the ratio 4:5 respectively. How much does Amara receive ?  
\$ 1000
5. A bussinessman decided to give 10 % of discount in all the purchases from his shop. How much will a customer pay for an item that was marked \$ 5400 ?  
\$ 5,500
6. A company bought for \$ 1,000,000 was later auctioned for \$ 800,000. Find the loss percentage.  
20 %