1. Rs. 3560 is to be divided among three persons A, B and C in such a way that if Rs.28, Rs.37 and Rs.18 be deducted from their respective shares, they have money in the ratio 4:6:9. Find the share of A.

**Ans:** 5.

2. The ratio of expenditure of man on food, clothes and education is 2:3:5. Next month expenditure on food increases by 25%, that on clothes in increased by 50% and that on education is increased by 75%. Find the percentage increase in the net expenditure of man.

**Ans:** 4.


**Ans:** 4.

4. A bag contains 25 paisa, 50 paisa and 1 Rs. coins. There are 220 coins in all and the total amount in the bag is Rs.160. If there are thrice as many 1 Rs. coins as there are 25 paisa coins, then what is the number of 50 paisa coins?

**Ans:** 3.

5. Three vessels having volumes in the ratio of 1:2:3 are full of a mixture of milk and water. In the first vessel ratio of milk and water is 2:3, in second 2:5 and in third is 3:7. If the liquid in all three vessel were mixed in a bigger container, what is the resulting ratio of milk and water.

**Ans:** 6.

6. Three vessels having volumes in the ratio of 1:2:3 are full of a mixture of milk and water. In the first vessel ratio of milk and water is 2:3, in second 2:7 and in third is 1:4. If the liquid in all the three vessel were mixed in a bigger container, what is the resulting ratio of milk and water.

**Ans:** 5.