

Questions on Ratio And Proportion

Q1. If $x : y = 4 : 3$, then $(7x - 3y) : (7x + 3y) = ?$

Q2. A bag contains one-rupee, 50-p and 25-p coins in the ratio $5 : 7 : 12$ amounting to Rs. 69. Find the number of coins of each type.

Q3. A mixture contains alcohol and water in the ratio $3 : 2$. On adding 5 liters of water in it, the quantities of alcohol and water become equal. Find the quantity of alcohol in the given mixture.

Q4. A sum of Rs. 5200 is divided between A, B, C and D such that

$$A's \text{ share} / B's \text{ share} = B's \text{ share} / C's \text{ share} = C's \text{ share} / D's \text{ share} = 2/3 .$$

Find A's share.

Answers

Ans1) $19 : 37$

Ans2) No. of one-rupee coins = 30

No. of 50-p coins = 42

No. of 25-p coins = 72

Ans3) 15 litres

Ans4) Rs. 640