

Finding Part From Whole

- 1) Aqua regia is a mixture of nitric acid (HNO_3) and hydrochloric acid (HCl) in the ratio 1 : 3. Find the quantity of nitric acid and hydrochloric acid used in 100 fluid ounces of Aqua regia.

- 2) A manufacturing company generates a total of 7,200 pounds of scrap in the months of May and June in the ratio of 5 : 1. What was the quantity of scrap recovered in May and June?

- 3) Bill receives his allowance in the ratio of 6 : 2. He saves six parts and saves two parts. How much does he save?

- 4) The ratio of copper to zinc used to make 128 grams of brass is 3 : 2. How much of each metal is used?

- 5) In a bag of mixed nuts, there are 7 walnuts for every 2 peanuts. If the bag contains 90 nuts in all, find the number of walnuts and peanuts it contains?

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