



Math for the people, by the people.

Some formulas of partnership

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1. Partnership : When two or more than two persons run a business jointly, they are called partners and the deal is known as partnership 2. Ratio of Division of Gains: (i)When investments of all the partners are for the same time, the gain or loss is distributed among the partners in the ratio of their investments. Suppose A and B invest Rs. x and Rs. y respectively for a year in a business, then at end of the year (A's share of profit) : (B's share of profit) = $x:y$ (ii) When investments are for different time periods, then equivalent capitals are calculated for a unit of time by taking (capital \times number of units of time).Now, gain or loss is divided in the ratio of these capitals. Suppose A invests Rs. x for p months and B invests Rs. y for q months, then (A's share of profit) : (B's share of profit) = $px : qy$ 3. Working and Sleeping Partners: A partner who manages the business is known as a working partner and the one who simply invests the money is a sleeping partner I hope these concepts will be helpful for you to solve some of your math problems.