



Old Profit Sharing Ratio:

Suman	Shubham	Siya
$\frac{5}{10}$	$\frac{3}{10}$	$\frac{2}{10}$

Shubham's share = $\frac{3}{10}$

Gaining ratio of Suman and Siya = 3 : 2

Suman's gain = $\frac{3}{5} \times \frac{3}{10}$
= $\frac{9}{50}$

Siya's gain = $\frac{2}{5} \times \frac{3}{10}$
= $\frac{6}{50}$

New share = Old Share + Gain

Suman's new share = $\frac{5}{10} + \frac{9}{50}$
= $\frac{34}{50}$

Siya's new share = $\frac{2}{10} + \frac{6}{50}$
= $\frac{16}{50}$

New profit sharing ratio of Suman and Siya = **34:16**