Quant


Aligalon: Procen to Produe a froduct is called allifabor.
allifabon.

Mropare Ratio baveal mixing.
What dofforemes??
4


Mixtrore


$$
\frac{\text { Q. f chaper }}{\text { Q of dearer }}=\left(\frac{d-m)}{m-e}\right)
$$

\# Adilibour \& Replacement frumb:
Nonnt, $\underline{a: b} \longrightarrow x$ litive of $b$ is added


$$
\rightarrow\left(\frac{b x}{c-b}\right)
$$

H Lignal in 2 Conbiners
fint $\quad a: b$
seund $c: d$

$$
\left(\frac{a}{a+b}+\frac{c}{c+d}\right):\left(\frac{b}{a+b}+\frac{d}{c+d}\right)
$$

\# Repliceunt of diguid from Container

$$
x \text { lit ligmid. }
$$

It's done $n$ fimes


$$
\left[\frac{\left.w\left(\frac{x-a}{x}\right)^{w}\right]}{n,-1}\right.
$$


2.

Tea worth Rs. 126 per kg and Rs. 135 per kg are mixed with a third variety in tho 1 : $1: 2$. If the mixture is worth $P .153 \mathrm{per} \mathrm{kg}$, the price of the third variety p will be: Rs. 169.50
Rs. 170
Rs. 175.50
Rs. 180

Sovran 3
A milk vendor has 2 cans of milk. The first contains $25 \%$ water and the rest milk. The second contains $50 \%$ water. How much milk should he mix from each of the containers so as to get $\mathbf{1 2}$ litres of milk such that the ratio
should he mix from each of the containers so as to get 12 litres of milk such that the ratio of water to milk is $3: 5$ ?
4 litres, 8 litres
6 litres, 6 litres
5 litres, 7 litres
7 litres, 5 litres
of whey ane for we
$\left(5 x-\frac{15}{4}\right)$

$$
x=3
$$

In what ratio must a grocer mix two varieties of pulses costing Rs 15 aid Rs .20 per kg respectively so as to get a mixture worth Rs. 16.50 kg ?

3:7
$5: 7$


Rs.


