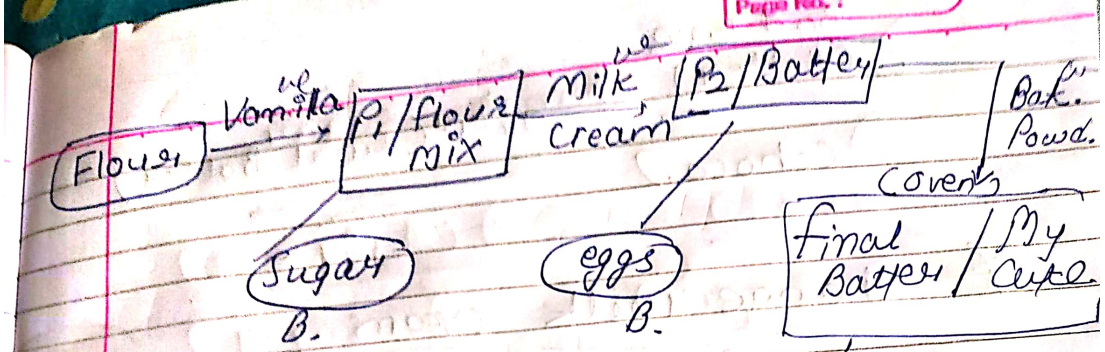


Bad Test = My Cake (MC) — Mongini's cake (B)

- change quantity of choco chips

$$\frac{\partial(B.T)}{\partial(\text{choco.})} = \frac{\partial(\text{My Cake})}{\partial(c.c)} \div \frac{\partial(\text{Mon.})}{\partial(c,c} \quad (0)$$

(Constant)

$$\Rightarrow \frac{\partial(\text{My cake})}{\partial(\text{final Batter})} * \frac{\partial(\text{final Batter})}{\partial(\text{choco chips})}$$

$$\frac{\partial(MC)}{\partial(FB)} = \frac{\partial}{\partial(f.B)} [\text{oven}(\text{final Batte}$$

$$= \text{Oven}'(FB) \quad (*)$$

Final Batter = Baking powder * (Batter) + choc
Bad Taste

$$\frac{\partial FB}{\partial c.c} = 1 \quad (**)$$

Bad Taste

$\frac{\partial(\text{Batter})}{\partial(\text{choco.})} = \text{over}'(\text{final Batter})$

* change milk cream

$\frac{\partial(BT)}{\partial(\text{milk})} = \frac{\partial(\text{mycake})}{\partial(\text{milk})}$

$= \frac{\partial(mc)}{\partial(FB)} * \frac{\partial(FB)}{\partial(B.M)} * \frac{\partial(BM)}{\partial(\text{Milk cream})}$

$\text{over}'(fB)$

(*) $\frac{\partial(BM)}{\partial(m.c.)} = \frac{\partial(\text{mix}(P_2))}{\partial(\text{milk cream})}$

$\frac{\partial(FB)}{\partial(BM)} = \frac{\partial(B.M * B.P + \text{cho})}{\partial(BM)}$

(**) $= BP$

(***) $= \partial\left[\frac{\text{mix}(fm * \text{milk cream} + eg}{\partial(\text{milk cream})}\right]$

$= \text{mix}'(P_2) * fm$

according to above eq.

$$\frac{\partial(\text{Bad Taste})}{\partial(\text{Milk cream})}$$

$\Rightarrow$ oven'(FB) * BP * mix'(P2) * fm

$\rightarrow$ now change quantity of Vanila powder. [same eggs]

$$\frac{\partial(BT)}{\partial(VP)} = \frac{\partial(\text{My Cake})}{\partial(VP)}$$

$$= \frac{\partial(M.C)}{\partial(F.B)} * \frac{\partial(FB)}{\partial(B.M)} * \frac{\partial(BM)}{\partial(FM)} * \frac{\partial(FM)}{\partial(V.P)}$$

(1) (2) (3) (4)

oven'(FB). BP $\frac{\partial(B.M)}{\partial(FM)} = \frac{\partial(Mix(P_2))}{\partial(FM)}$

$= Mix'(P_2) * M.C.$

$$\frac{\partial(BT)}{\partial(VP)} = \text{oven}'(FB) * BP * Mix'(P_2) * \text{MilkCream} * Mix'(P_1) * \text{flour}$$

If we change Sugar

$$\frac{\partial(BT)}{\partial(Sugar)} = \frac{\partial(B\,My\,Cake)}{\partial(Sugar)}$$

$$= \frac{\partial(M.C)}{\partial(FB)} * \frac{\partial(FB)}{\partial(B.m)} * \frac{\partial(B.m)}{\partial(f.m)} * \frac{\partial(f.m)}{\partial(\quad)}$$

(1) (2) (3) (4)

(1) ⇒ Oven' (FB)

(2) ⇒ BP

(3) ⇒ Mix' (P2) * Milk cream

(4) ⇒ $\frac{\partial(fm)}{\partial(Sugar)} = \frac{\partial(Mix(P_1))}{\partial(Sugar)}$

$= Mix'(P_1) \times 1$

$\frac{\partial(Bad\ Taste)}{\partial(Sugar)}$

= Oven' (FB) * B.P * Mix' (P2) * Milk * Mix' (P1) * 1