

Q) Avg temperature from mon - thurs in a week is  $50^{\circ}\text{C}$  and thurs - sun is  $40^{\circ}$ .

i) If the avg temp in a week is  $48^{\circ}$

what is the temp on that day?

ii) if the temp is  $48^{\circ}$  what's the week temp?

### Type 2

Q) Avg temp first 3 days in a week is  $20^{\circ}$  & next 5 days is  $30^{\circ}$ .

i) If weekly avg temp is  $28^{\circ}$  what is the temp on 3rd day.

ii) If 3rd day temp is  $28^{\circ}$ , what is the weekly avg temp.

### Type 2A.

Q) A batsman scored 80 runs in his 6th innings. As a result, he has increased his avg run per innings by 5.

i) What is the present avg run per inning of that batsman.

ii) What is the present avg run per that batsman

~~iii) If the~~ Type 2B.

If a batsman scored 50 runs in his 4th innings as a result, he has increased his avg run by 4. What is the present avg run per inning of the batsman.

Experiment Name :

### Type 3a,

In a classroom there are 10 students. The avg age of the group is 20 yrs. If a student aged 15 yrs <sup>left the room</sup> and a new teacher entered into the room. As a result the avg age of teacher & student increased by  $2\frac{1}{2}$  yrs. What's the age of the new teacher?

### Type 3b

In a classroom there are 30 students of avg age 25 yrs. A student aged 20 yrs left the room and a new teacher entered into the room. As a result, avg age of T & S increased by  $1\frac{1}{2}$  yrs. What's the age of the new teacher?

- Q1) Avg age of A & B is 20 yrs, B & C is 30 yrs, C & A <sup>40</sup> yrs.  
i) What's the individual age of A, B & C?

- Q2) Avg salary of A & B is ₹6000, C & A is ₹8000, B & C is ₹7000.  
What's the individual salary of A, B, C?

TCS → Avg age of 4 persons 4 yrs ago was 43. A new person joined in that group. So, the avg age of group became 40 yrs. What's the age of <sup>now</sup> new person?

Infosys → Avg age of 4 persons 3 yrs ago was 37 yrs. 2 yrs after from now, one person joins. So, avg age becomes 45 yrs. What's the age of new person?