

6) central angles and Nb. of students are directly proportional

then

Total Preg
25 student

sum of central angle
 360°

2

α_1

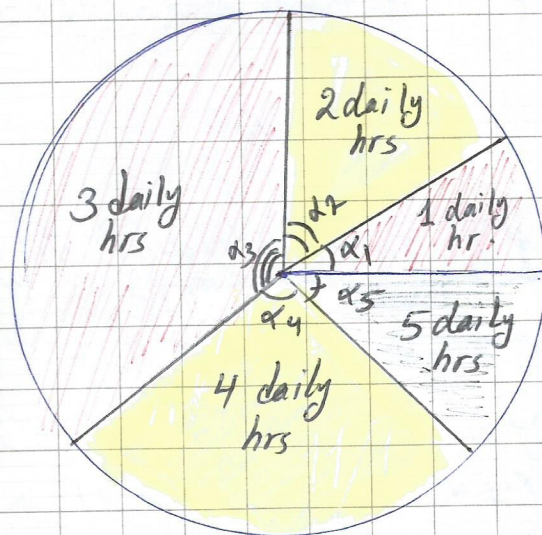
$$\alpha_1 = \frac{2 \times 360}{25} = 28.8^\circ$$

similarly $\alpha_2 = \frac{4 \times 360}{25} = 57.6^\circ$

$$\alpha_3 = \frac{9 \times 360}{25} = 129.6^\circ$$

$$\alpha_4 = \frac{7 \times 360}{25} = 100.8^\circ$$

$$\alpha_5 = \frac{3 \times 360}{25} = 43.2^\circ$$



Pie-Graph