PHYSICS

STD - $\bar{X}$

class - 33

Assignment

1) How many images will be formed if the mirror is arranged at 30° ?

Ans)

$$\text{no. of images} = n = \frac{360}{30} - 1$$

$$n = \underline{\underline{11}}$$

No. of images = $\underline{\underline{11}}$

2) What should be the angle of the mirrors for the formation of five images ?

Ans)

$$\frac{360}{60} - 1$$

$$= 6 - 1$$

$$= \underline{\underline{5}}$$

∴ Angle = $\underline{\underline{60°}}$

5 images are formed in the angle of 60°.