

Physics Wall

By- Saleem Ahmed Sir



Topics to be covered



- Basic trigonometry
- 2 Angle approximation
- 3
- 4





- Have patience ... चिकते छड़े वन जाओ .. (1 year)
- Attain all the class & follow it blindly.
- कोई भी class द्यांड्नी नहीं है...
- Last तक टिके रहना है... में भी आपके साथ आपके selection के लिए ज़नी से ज्यादा मेहनत करते हुए Last तक टिका रहूँगा ।
- Notes → Register (2 pen) KPP → Register (Rough)



Things I will take care cover

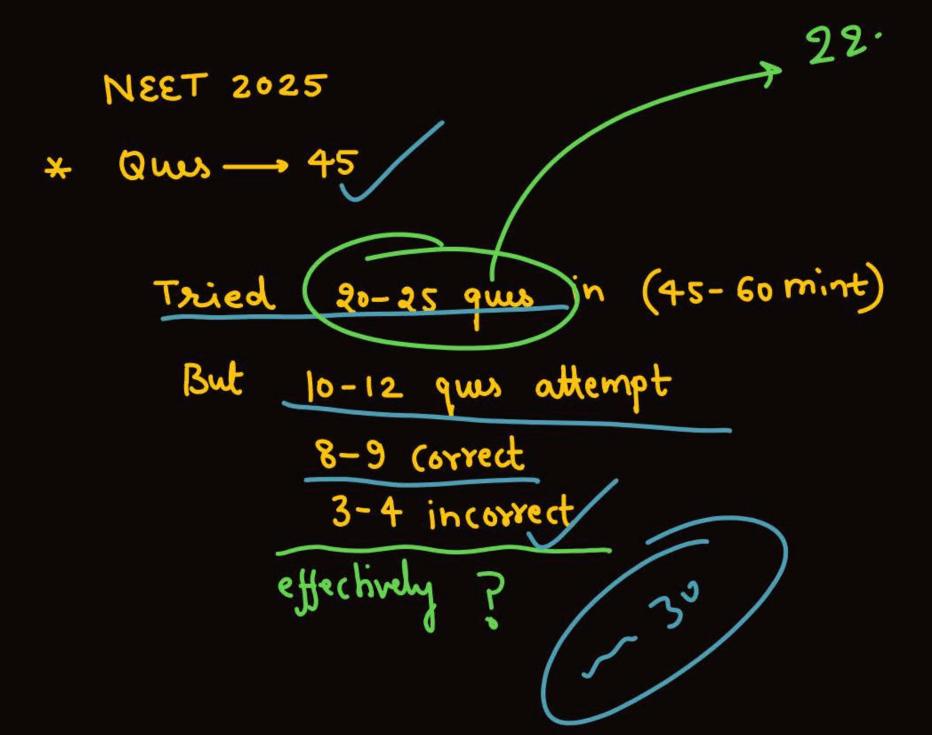
+ Notes + KPP +

- विल्कुल Basic से ... Adv. तक
- → STATAET...if you attend all class you will feel its easy - Will give you the best...
- Explanation + class content
- Relevent Content
- NEET PYO + mains + HCV + JEE Adv. + Easy med. tough + one liner
- (8th 9th 10th) Class maths Grant phy. # WARTA &

Problem's of majority neet students... We need to work out on these 2 Concept Undustanding * Notes ---- ? Fear from Physics * Material ->? » Calculation, time saving Calculation - Speed ~ - Accuracy - Medium & tough ques.

10 जमह द्याप-पेर मारने की वजाय stick to only thing & date KPP सभी का एक ही solution..... KPP -> Kaddu Practice paper (For Neet) - speed & accuracy agit and ques

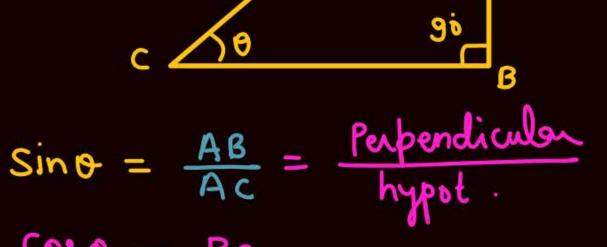
(HCV + JM + JA + MEERT - A/P Town town of the service of the s A/R True/False and ques - A/R TruyFour and passed - Silly mistakes, deep understanding, cretical thinking, language problem etc (NCERT) -> All at one place... KPP -> I will Discurs by myself.



* Only physics अन्छा कर लेने से तुम्हारा selection तहीं होगा आपका chem/Zoo/Bot. में भी खूव मेहनत करनी पड़ेगी

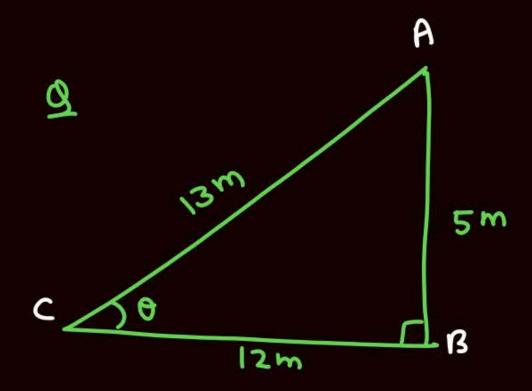
Selection भी करवाएंगें... Rank भी दिलवाएंगें

.



$$\frac{Coso = Bc}{Ac}$$

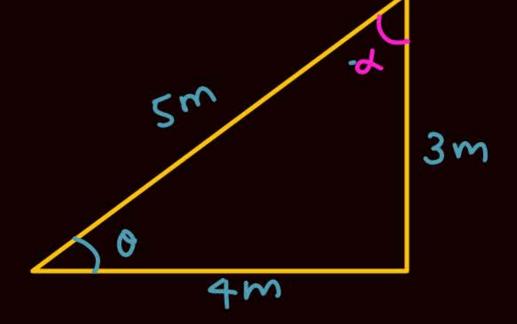




$$Sin\theta = \frac{5}{13}$$

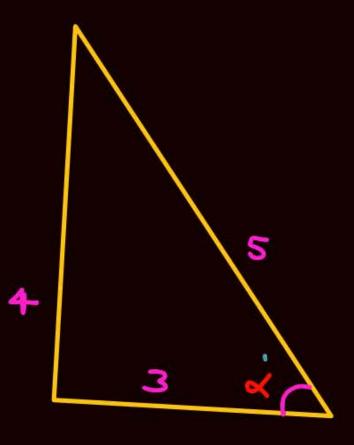
$$tamo = \frac{5}{12}$$





$$Sin\theta = \frac{2}{3}$$

$$Sind = \frac{4}{5}$$



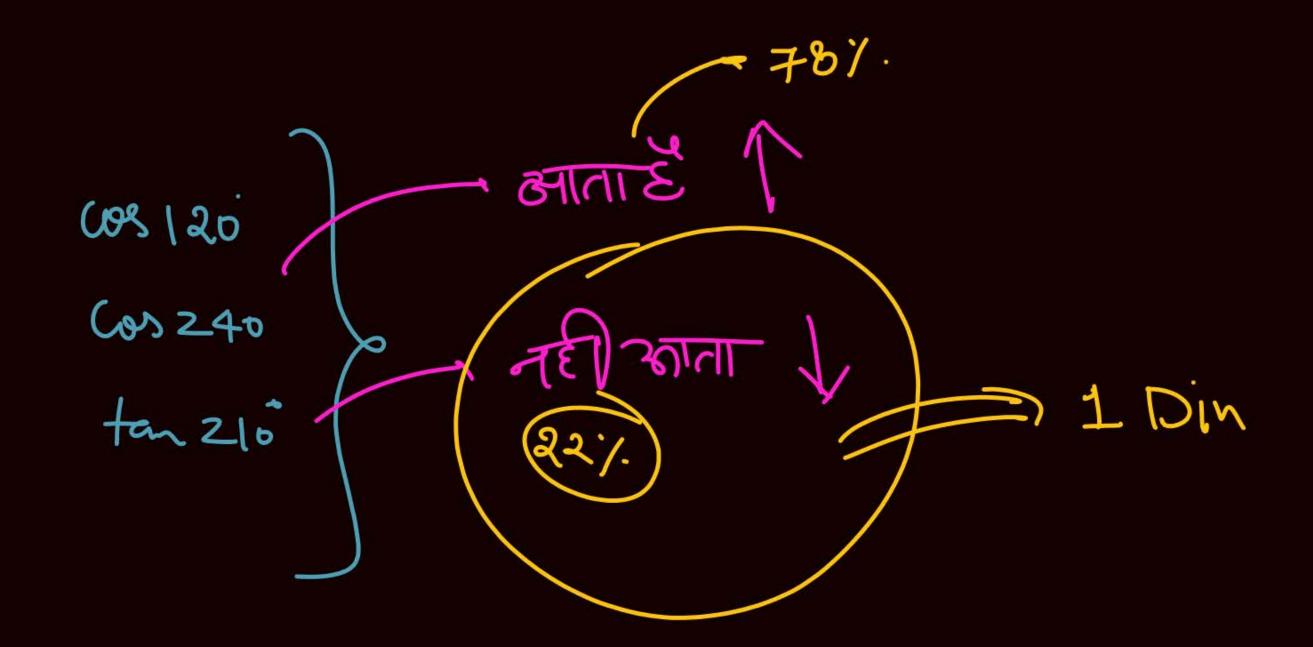
$$\sin 36 = \frac{1}{2}$$

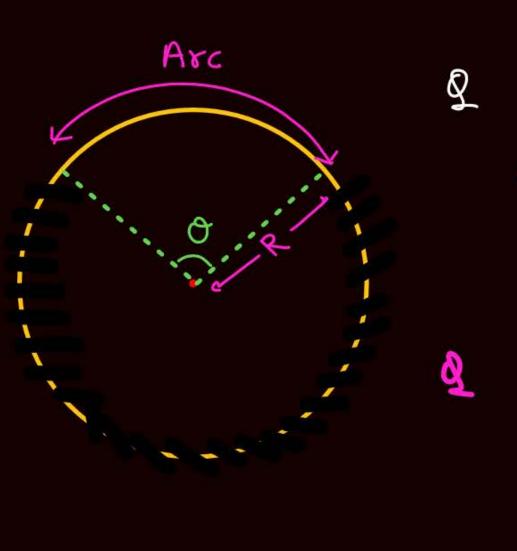
$$\sin 45 = \frac{1}{\sqrt{2}}$$

$$\sin 60 = \sqrt{\frac{3}{2}}$$

$$Co330 = \frac{\sqrt{3}}{2}$$

$$\cos 60 = \frac{1}{2}$$





Q
$$O = \frac{\alpha xc}{Radius} = \frac{2\pi R/2}{R} = \frac{2\pi}{2} = \pi$$

$$O = \pi Radian$$

$$\frac{1}{2\pi R} = \frac{\Lambda}{2} (rad)$$

$$\frac{3\pi}{2} \text{ rad} \longrightarrow \frac{3\times180}{2} = 270$$

$$\frac{4\pi}{3}\text{rad} \longrightarrow \frac{4\times180}{3} = 240$$

$$\frac{7\pi}{6}$$
 rad \longrightarrow $\frac{7\times180}{6}$ = 216

SKC न्युपचाप मकी अग्रह । १४० रे

$$\frac{\pi}{3} \longrightarrow \frac{180}{3} = 60^{\circ}$$

$$\frac{\pi}{2}$$
 \longrightarrow $\frac{180}{2} = 96$

$$\frac{5\pi}{2} \longrightarrow \frac{5\times 180}{2} = 450$$

$$\frac{\Lambda}{4}$$
 $\frac{186}{4}$ -45°

$$\frac{7}{4}$$

$$\frac{7}$$

$$\frac{3\pi}{4} \longrightarrow \frac{3\times 186}{4} = 135$$

Conversion of degree into radian = 344419 To Amuliply ATGI

$$60^{\circ} \longrightarrow 60 \times \frac{\pi}{180} = \frac{\pi}{3} \text{ rad}$$

$$120 \longrightarrow 120 \times \frac{\pi}{180} = \frac{2\pi}{3} \text{ rad}.$$

$$90 \times \frac{\pi}{180} = \frac{\pi}{2} \text{ rad}.$$

$$\frac{45^{\circ}}{180} = \frac{\pi}{4} \text{ rad}$$

$$\frac{240}{180} = \frac{4\pi}{3}$$

$$90 \longrightarrow 90 \times \frac{\pi}{180} - \frac{\pi}{2}$$

$$\frac{2}{180} = \frac{\pi}{90} \text{ and}$$

$$3^{\circ} \longrightarrow 3 \times \frac{180}{180} = \frac{1}{60} \text{ rad}$$

$$30 \xrightarrow{} 30 \times \frac{\pi}{180} = \frac{\pi}{6}$$

$$\frac{20}{180} - \frac{\pi}{9}$$



Small angle approximation

skc Sino = 0

304



Homework



Revise today's lecture



