



$$D = 2a$$

$$d = 2 \frac{a\sqrt{3}}{2} = a\sqrt{3}$$



$$P = B + H$$

$$B = 6 \frac{a^2\sqrt{3}}{4} = \frac{3a^2\sqrt{3}}{2}$$

$$H = 6 \frac{a\sqrt{3}}{2} = 3a\sqrt{3}$$

$$V = B \cdot H$$

$$V = \frac{3a^2\sqrt{3}}{2} \cdot 4$$



$$y_{max} = 1$$

$$x - \frac{\pi}{4} = 2k\pi$$

$$x = \frac{\pi}{4} + 2k\pi$$



MATHS EVERYWHERE

$$y_{min} = -1$$

$$x - \frac{\pi}{4} = -\pi + 2k\pi$$

$$x = \frac{\pi}{4} - \pi + 2k\pi$$

$$x = -\frac{3\pi}{4} + 2k\pi$$



Class VIII
29th November, 2021
Monday

9:30-10:30 AM

