

$$1) 2\sqrt{x} \frac{\pi}{18} = \frac{3\pi}{2}$$

$$2) 1200 \times \frac{\pi}{180} = \frac{2\pi}{39}$$

$$3) \frac{2\pi}{18} \times \frac{18}{\pi} = 2\omega^0 \quad (2) \checkmark$$

$$4) \frac{6\pi}{2} + \frac{18}{\pi} = 18^0$$

$$\frac{12\omega^0}{9} = \frac{12\omega^0}{9} \times \frac{9}{1} = 12\omega^0 \quad (12\omega^0)$$

$$\frac{2\pi}{1} \times \frac{18}{\pi} = 22\omega^0 \quad (22\omega^0)$$

$$22\omega^0 + 12\omega^0 = 34\omega^0 = 18 \times 2 = 36 \quad (36)$$

$$1) \left(\frac{1}{4} \times \frac{\sqrt{3}}{2} \right) - \left(\frac{\sqrt{3}}{2} \times \frac{1}{4} \right) - 1 + 2$$

$$\Rightarrow 1$$

$$2) \frac{\frac{1}{2} + 1 + \frac{3}{2}}{\frac{\sqrt{3}-\sqrt{3}}{2} \times \frac{\sqrt{3}}{2}} = \frac{\frac{1}{2} + 1 + \frac{3}{2}}{\frac{3-3}{2}} = \frac{3}{0}$$

$$\sin \theta = -\left(\frac{1}{2} \times \frac{1}{2} \right) + \left(\frac{\sqrt{3}}{2} \times \frac{\sqrt{3}}{2} \right) = -\frac{1}{4} + \frac{3}{4} = \frac{2}{4} = \frac{1}{2}$$

$$\Rightarrow \sin \theta = \pm \frac{1}{2} \Rightarrow \theta = \pm \frac{\pi}{6}$$

$$\tan \theta = \pm 1$$

$$1 - \tan^2 \theta = \frac{1}{\cos^2 \theta}$$

$$\tan \theta = \frac{2 \left(\frac{1}{\sqrt{3}} \right) \left(\frac{2}{3} \right)}{\left(\frac{1}{\sqrt{3}} \right)^2} = \frac{\frac{4}{3\sqrt{3}}}{\frac{1}{3}} = \frac{4}{\sqrt{3}} = \frac{4\sqrt{3}}{3}$$

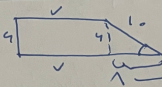
$$\Rightarrow \theta = \frac{\pi}{3}$$

$$\frac{e^{\sin \theta} - \cos \theta}{e^{\cos \theta} - \sin \theta} = \frac{1 - \cos \theta}{\cos \theta} = \frac{1 - \cos \theta}{\cos \theta}$$

$\frac{\sin \theta}{\cos \theta} = \tan \theta$

$\textcircled{P} \checkmark$

$\sin \frac{\pi}{4} = \frac{1}{\sqrt{2}}$



$4 + \sqrt{2} + 1 + 1 + \sqrt{2} = 6 + 2\sqrt{2}$

$m = 96 = 2 \times 48$

$\textcircled{P} \checkmark$

$\sin 45^\circ = \frac{\sqrt{2}}{2} = \frac{m}{10} = \frac{\sqrt{2}}{2} \Rightarrow m = 10 \cdot \frac{\sqrt{2}}{2} = 5\sqrt{2}$

$m = 5\sqrt{2}$

$BD = 5\sqrt{2}$

$DC = 5\sqrt{2} - 1$

$\sqrt{2} + AB = 100$

$\textcircled{P} \checkmark$

$$\frac{1}{x} = \frac{1}{x} + \frac{1}{x}$$

$\textcircled{P} \checkmark$

$$\frac{1}{x} = \frac{1}{x} + \frac{1}{x}$$

$\textcircled{P} \checkmark$

$\sin \theta = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{1}{\sqrt{2}}$

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

$\textcircled{P} \checkmark$

the end...