

Handwritten physics notes covering trigonometric functions, wave equations, and graphs. The notes include various mathematical derivations, such as $\sin(2\pi t) = \frac{1}{2} \times \frac{2}{2\pi} \times \frac{\pi}{4}$, and wave equations like $y = 3.64 \sin(4t - 0.25x)$. There are also graphs of sine and cosine waves, and calculations for amplitude, period, and phase. The notes are organized into sections, with some parts labeled "TODAY" and "TOMORROW".

Key sections and content include:

- Trigonometric Functions:** Calculations involving \sin and \cos functions, such as $\sin(2\pi t) = \frac{1}{2} \times \frac{2}{2\pi} \times \frac{\pi}{4}$ and $\cos(2\pi t) = \frac{1}{2} \times \frac{2}{2\pi} \times \frac{\pi}{4}$.
- Wave Equations:** Derivations of wave equations, such as $y = 3.64 \sin(4t - 0.25x)$ and $y = 3.64 \sin(4t - 0.25x)$.
- Graphs:** Graphs of sine and cosine waves, showing amplitude, period, and phase.
- Calculations:** Calculations for amplitude, period, and phase, such as $\text{AMP} = 3.64$ and $\text{PERIOD} = 2\pi$.