Exam 3 Review Graphing Find the Amplitude, Peniod, phase shift, Vertical Thanslation, and table Then Graph & label. 1/ y = 5 - 3 cos (Tx + 2) V.T.: y = 5 -1 -3 + 5 2 -1/2 -1 × 3 × 5 × 0 + 5 3 + 5 7 2 5/2 7 -1/2 -3+5 -1/4 0 1/4 3/4 5

3/
$$y = 3 - 2$$
 tan $(x - \frac{\pi}{8})$
 $|A| = na$
 $P - \frac{\pi}{4} = 2\pi$
 $V - \frac{\pi}{8}$
 $V - \frac{\pi}{8}$

$$y = \cot\left(\frac{1}{2} \times + \frac{\pi}{4}\right)$$

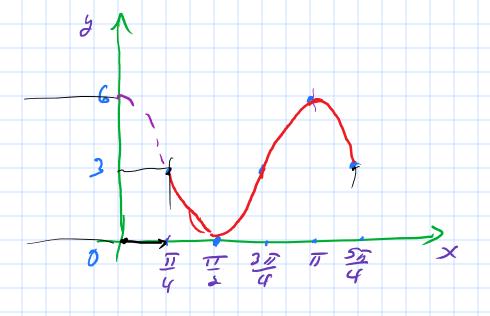
$$141 = nmc \quad P = 2\pi \quad \Phi = -\frac{\pi}{2} \quad V.7: y = 3$$

$$\frac{X}{3} - \frac{\pi}{2} \quad 0 \quad 1$$

$$\frac{\pi}{2} - \frac{\pi}{2} \quad 0$$

$$\frac{3\pi}{2} \quad 7 \quad -1$$

$$\frac{3\pi}{2} \quad 9$$



$$|A| = 3$$

$$P = \frac{2\pi}{B} = \left(\frac{5}{4} - \frac{1}{4}\right)^{\frac{1}{10}} = \frac{17}{4}$$

$$B = 2$$

$$D=3$$
 V.T.

$$P = 2 = C$$
 $P = 3 = 7 \Rightarrow 3 = 2$
 $|A| = 3$
 $D = 3$

$$y = 3 \cos(2x) + 3$$

$$y = 4$$

$$y = 3 \cos(2x) + 3$$