6-1

$$f(n) = 8 \times 3$$

$$\chi = 1 \cdot \chi = 3$$

$$\chi = 3$$

$$\chi = 4$$

$$\chi = 4$$

$$\chi = 3$$

$$\chi = 4$$

by MWC

A NAME

$$f(x) = \cos 2x \quad \epsilon \quad \left[\frac{-\pi}{4} / \frac{\pi}{2} \right] \qquad (6)$$

$$f(x) = 0 \implies \cos 2x = 0 \implies 2x = \frac{\pi}{2} \implies x = \frac{\pi}{4}$$

$$A = \left| \left(\frac{\pi}{4} \right) \cos 2x \right| dx \right| + \left| \left(\frac{\pi}{2} \right) \cos 2x \right| dx$$

$$= \frac{1}{2} \left[\sin 2x \right] \frac{\pi}{4} + \frac{1}{2} \left[\sin 2x \right] \frac{\pi}{4}$$

$$= \left(\frac{1}{2} \right) \left[\sin 2x \right] \frac{\pi}{4} + \frac{1}{2} \left[\sin 2x \right] \frac{\pi}{4}$$

$$= \left(\frac{1}{2} \right) \left[\sin 2x \right] \frac{\pi}{4} + \frac{1}{2} \left[\sin 2x \right] \frac{\pi}{4}$$

$$= \left(\frac{1}{2} \right) \left[\sin 2x \right] \frac{\pi}{4} + \frac{1}{2} \left[\sin 2x \right] \frac{\pi}{4}$$

$$= \left(\frac{1}{2} \right) \left[\sin 2x \right] \frac{\pi}{4} + \frac{\pi}{4} +$$

$$f(x) = 3 - x^{2}$$

$$g(x) = -1$$

$$g(x) = -1$$

$$f(x) = 0$$

$$g(x) \Rightarrow 3 - x^{2} = -1$$

$$g(x) = 2$$

$$f(x) = 3 - x^{2}$$

$$g(x) \Rightarrow 3 - x^{2} = -1$$

$$g(x) = 2$$

$$f(x) = 2$$

$$f(x) = 3 - x^{2}$$

$$f(x) = 3$$

by MANG