2.  $\int_0^1 x \, dx \cdot \int_0^1 x \, dx = \frac{1}{4} \neq \int_0^1 x^2 \, dx = \frac{1}{3}$ 

3. 区间百加1里. 海龙 c. b. C. f. 1.

4. V J. N.J.

**∮.** ∨

7.  $\frac{2}{b-a} \int_{a}^{c+b} f(x) dx = f(b) = \frac{2}{b-a} \cdot \int_{a}^{c+b} f(x) dx = \frac{2}{b-a} \cdot f'(x) \cdot \int_{a}^{c+b} dx$  [36[4,7]]

有 f (3) = f (6) 又 持短. 由 Rolle 海鱼知33 5. f. f(3)=0.

8. JN 1.3.

 $\int_{0}^{a} \varphi(x) dt = \lim_{n \to \infty} \frac{n}{x} \varphi(x_{i}) dx_{i}.$ 

A flasagerdt) = flasim = (m = 10 m) + (m = flore) dt.

9. F(x)= Jo f(x)dt - 7 Jo f(x)dt (x6 (0.1))

F'(x) = f(x) - 1