



$$(7) \quad ma = -kx \quad \#(7)$$

$$(1) \quad a = -\omega^2 x \text{ の } \omega \text{ の } (7) \text{ の式'カ''}$$

$$-m\omega^2 x = -kx$$

よか'て.

$$\omega = \sqrt{\frac{k}{m}} \quad \text{よか'る.} \quad \#(1)$$

$$(4) \quad T = \frac{2\pi}{\omega} \quad \#(4)$$

$$T = 2\pi \sqrt{\frac{m}{k}} \quad \#(4)$$

$$(1) \quad f = \frac{1}{T} \quad \#(1)$$

$$f = \frac{1}{2\pi} \sqrt{\frac{k}{m}} \quad \#(1)$$