4.1

$$I = \frac{C \cdot t \cdot n}{100}$$

$\cdot 100$

$$100I = C \cdot t \cdot n$$

$\div (t \cdot n)$

$$\frac{100I}{t \cdot n} = C$$

$\div (C \cdot t)$

$$\frac{100I}{C \cdot t} = n$$

$\div (C \cdot n)$

$$\frac{100I}{C \cdot n} = t$$

4.1

$$I = \frac{C \cdot t \cdot n}{100} \quad \Big| \cdot 100$$

$$100 I = C \cdot t \cdot n$$

$$100 I = C \cdot t \cdot n \quad \Big| \div (t \cdot n)$$

$$\frac{100 I}{t \cdot n} = C$$

$$100 I = C \cdot t \cdot n \quad \Big| \div (C \cdot t)$$

$$\frac{100 I}{C \cdot t} = n$$

$$100 I = C \cdot t \cdot n \quad \Big| \div (C \cdot n)$$

$$\frac{100 I}{C \cdot n} = t$$

4.2

$$C = 2\pi \cdot R \quad \div (2\pi)$$

$$\frac{C}{2\pi} = R$$

4.3

$$A = \frac{1}{2} \cdot b \cdot h \quad \cdot 2$$

$$2A = b \cdot h$$

$\div b$ $\quad$ $\div h$

$$\frac{2A}{b} = h$$

$$\frac{2A}{h} = b$$

4.4

$$R = \frac{U}{I} \quad \Big| \cdot I$$

$$R \cdot I = U \quad \Big| \div R$$

$$I = \frac{U}{R}$$

4.5

$$F = G \cdot \frac{m \cdot M}{d^2} \quad \Big| \cdot d^2$$

$$F d^2 = G \cdot m \cdot M$$

$$Fd^2 = G \cdot m \cdot M \quad \div (G \cdot M)$$

$$\boxed{\frac{Fd^2}{G \cdot M} = m}$$

$$Fd^2 = G \cdot m \cdot M \quad \div F$$

$$d^2 = \frac{G \cdot m \cdot M}{F} \quad \sqrt{}$$

$$d = \sqrt{\frac{G \cdot m \cdot M}{F}}$$

4.8

$$V = \frac{1}{3}\pi r^2 h \quad \cdot 3$$

$$3V = \pi \cdot r^2 \cdot h$$

$$3V = \pi \cdot r^2 \cdot h \quad \div (\pi \cdot r^2)$$

$$\frac{3V}{\pi r^2} = h$$

$$3V = \pi \cdot r^2 \cdot h \quad \div (\pi \cdot h)$$

$$\frac{3V}{\pi h} = r^2 \quad \Rightarrow \quad r = \sqrt{\frac{3V}{\pi h}}$$