



二次方程式 1
次の方程式を解きなさい。

(1) $x^2 = 36$

$$x = \pm 6$$

(2) $x^2 = \frac{9}{4}$

$$x = \pm \frac{3}{2}$$

(3) $x^2 = 6$

$$x = \pm \sqrt{6}$$

(4) $\frac{1}{2}x^2 = 4$

$$x = \pm 2\sqrt{2}$$

(5) $16x^2 = 3$

$$x = \pm \frac{\sqrt{3}}{4}$$

(6) $3x^2 = 75$

$$x = \pm 5$$

(7) $7x^2 = 63$

$$x = \pm 3$$

(8) $3x^2 = 1$

$$x = \pm \frac{\sqrt{3}}{3}$$

(9) $2x^2 = 0.04$

$$x = \frac{2}{100}$$

$$x = \pm \frac{\sqrt{2}}{10}$$

(10) $3x^2 = 0.03$

$$x = \pm 0.1$$

