



二次方程式4
次の方程式を解きなさい。

(1) $x^2 - 2x - 4 = 0$

$$x = 1 \pm \sqrt{5}$$

(2) $x^2 + 5x - 3 = 0$

$$x = \frac{-5 \pm \sqrt{37}}{2}$$

(3) $x^2 + 3x + 2 = 0$

$$x = -1, -2$$

(4) $8x^2 - 6x = 0$

$$x = \frac{3}{4}, 0$$

(5) $x^2 - 7x + 12 = 0$

$$x = 4, 3$$

(6) $x^2 - 4x + 2 = 0$

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

(7) $x^2 - 3x = 10$

$$x = 5, -2$$

(8) $x^2 + 2x + \frac{1}{2} = 0$

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

(9) $x^2 - 4x - 32 = 0$

$$x = 8, -4$$

(10) $x^2 - x = 2$

$$x = 2, -1$$

