

1 次の方程式を解きなさい。

(1)  $(x - 3)(x + 5) = 0$

(2)  $(x + 1)(x + 9) = 0$

(3)  $x(x - 4) = 0$

(4)  $(2x - 1)(x + 8) = 0$

(5)  $x^2 - 6x + 5 = 0$

(6)  $x^2 + 2x - 35 = 0$

(7)  $x^2 + 12x + 32 = 0$

(8)  $x^2 - 10x + 24 = 0$

(9)  $x^2 - x + 72 = 0$

(10)  $x^2 + 5x - 6 = 0$

(11)  $x^2 + 5x = 0$

(12)  $3x^2 - 4x = 0$

(13)  $x^2 - 2x + 1 = 0$

(14)  $x^2 + 12x + 36 = 0$

1 次の方程式を解きなさい。

$$(1) (x-3)(x+5) = 0$$

$$x = 3, -5$$

$$(2) (x+1)(x+9) = 0$$

$$x = -1, -9$$

$$(3) x(x-4) = 0$$

$$x = 0, 4$$

$$(4) (2x-1)(x+8) = 0$$

$$x = \frac{1}{2}, -8$$

$$(5) x^2 - 6x + 5 = 0$$

$$(x-1)(x-5) = 0$$

$$x = 1, 5$$

$$(6) x^2 + 2x - 35 = 0$$

$$(x-5)(x+7) = 0$$

$$x = 5, -7$$

$$(7) x^2 + 12x + 32 = 0$$

$$(x+4)(x+8) = 0$$

$$x = -4, -8$$

$$(8) x^2 - 10x + 24 = 0$$

$$(x-4)(x-6) = 0$$

$$x = 4, 6$$

$$(9) x^2 - x + 72 = 0$$

$$(x-9)(x+8) = 0$$

$$x = 9, -8$$

$$(10) x^2 + 5x - 6 = 0$$

$$(x-1)(x+6) = 0$$

$$x = 1, -6$$

$$(11) x^2 + 5x = 0$$

$$x(x+5) = 0$$

$$x = 0, -5$$

$$(12) 3x^2 - 4x = 0$$

$$x(3x-4) = 0$$

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

$$(13) x^2 - 2x + 1 = 0$$

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

$$x = 1$$

$$(14) x^2 + 12x + 36 = 0$$

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

$$x = -6$$