

## 二次方程式 $(x \pm b)^2 - c = 0$ パターン No.1 \_\_\_\_\_

1. 次の二次方程式を解きなさい。

(1)  $(x - 7)^2 - 11 = 0$

答. \_\_\_\_\_

(2)  $4(x + 6)^2 - 40 = 0$

答. \_\_\_\_\_

(3)  $6(x - 7)^2 - 24 = 0$

答. \_\_\_\_\_

(4)  $7(x + 6)^2 - 28 = 0$

答. \_\_\_\_\_

(5)  $7(x - 4)^2 - 63 = 0$

答. \_\_\_\_\_

(6)  $9(x - 2)^2 - 27 = 0$

答. \_\_\_\_\_

(7)  $4(x - 2)^2 - 60 = 0$

答. \_\_\_\_\_

(8)  $5(x - 3)^2 - 85 = 0$

答. \_\_\_\_\_

(9)  $6(x - 6)^2 - 78 = 0$

答. \_\_\_\_\_

(10)  $2(x - 5)^2 - 32 = 0$

答. \_\_\_\_\_

## 二次方程式＜ $a(x \pm b)^2 - c = 0$ パターン＞ No.2 \_\_\_\_\_

1. 次の二次方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(3)  $4(x+1)^2 - 28 = 0$

答. \_\_\_\_\_

(4)  $9(x+9)^2 - 135 = 0$

答. \_\_\_\_\_

(5)  $7(x+3)^2 - 77 = 0$

答. \_\_\_\_\_

(6)  $5(x+3)^2 - 100 = 0$

答. \_\_\_\_\_

(7)  $9(x+7)^2 - 144 = 0$

答. \_\_\_\_\_

(8)  $3(x-8)^2 - 60 = 0$

答. \_\_\_\_\_

(9)  $4(x+6)^2 - 40 = 0$

答. \_\_\_\_\_

(10)  $9(x-9)^2 - 162 = 0$

答. \_\_\_\_\_

## 二次方程式 $(x \pm b)^2 - c = 0$ パターン No.3 \_\_\_\_\_

1. 次の二次方程式を解きなさい。

(1)  $9(x + 9)^2 - 135 = 0$

答. \_\_\_\_\_

(2)  $6(x - 9)^2 - 60 = 0$

答. \_\_\_\_\_

(3)  $3(x - 4)^2 - 57 = 0$

答. \_\_\_\_\_

(4)  $5(x - 2)^2 - 85 = 0$

答. \_\_\_\_\_

(5)  $5(x - 3)^2 - 85 = 0$

答. \_\_\_\_\_

(6)  $(x + 2)^2 - 19 = 0$

答. \_\_\_\_\_

(7)  $3(x + 6)^2 - 39 = 0$

答. \_\_\_\_\_

(8)  $7(x - 4)^2 - 63 = 0$

答. \_\_\_\_\_

(9)  $6(x + 7)^2 - 6 = 0$

答. \_\_\_\_\_

(10)  $(x + 6)^2 - 8 = 0$

答. \_\_\_\_\_

二次方程式＜ $a(x \pm b)^2 - c = 0$ パターン＞ No.4 \_\_\_\_\_

1. 次の二次方程式を解きなさい。

(1)  $(x + 5)^2 - 8 = 0$

答. \_\_\_\_\_

(2)  $4(x + 4)^2 - 40 = 0$

答. \_\_\_\_\_

(3)  $7(x + 3)^2 - 105 = 0$

答. \_\_\_\_\_

(4)  $8(x - 6)^2 - 96 = 0$

答. \_\_\_\_\_

(5)  $5(x + 1)^2 - 30 = 0$

答. \_\_\_\_\_

(6)  $8(x - 9)^2 - 104 = 0$

答. \_\_\_\_\_

(7)  $5(x - 3)^2 - 100 = 0$

答. \_\_\_\_\_

(8)  $3(x - 4)^2 - 57 = 0$

答. \_\_\_\_\_

(9)  $4(x - 6)^2 - 48 = 0$

答. \_\_\_\_\_

(10)  $8(x + 5)^2 - 56 = 0$

答. \_\_\_\_\_

## 二次方程式 $(x \pm b)^2 - c = 0$ パターン No.5 \_\_\_\_\_

1. 次の二次方程式を解きなさい。

(1)  $4(x - 6)^2 - 48 = 0$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(3)  $5(x + 1)^2 - 30 = 0$

答. \_\_\_\_\_

(4)  $6(x + 8)^2 - 24 = 0$

答. \_\_\_\_\_

(5)  $2(x - 8)^2 - 8 = 0$

答. \_\_\_\_\_

(6)  $7(x + 6)^2 - 28 = 0$

答. \_\_\_\_\_

(7)  $5(x - 9)^2 - 10 = 0$

答. \_\_\_\_\_

(8)  $5(x - 2)^2 - 85 = 0$

答. \_\_\_\_\_

(9)  $(x - 5)^2 - 11 = 0$

答. \_\_\_\_\_

(10)  $8(x - 6)^2 - 96 = 0$

答. \_\_\_\_\_