



因数分解 5

次の式を因数分解しなさい。

(1)  $ax^2 - axy$

$$ax(x - y)$$

(2)  $x^2 - 9$

$$(x + 3)(x - 3)$$

(3)  $x^2 - 5x + 6$

$$(x - 2)(x - 3)$$

(4)  $x^2 - 8x - 20$

$$(x - 10)(x + 2)$$

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

$$(x - 3)(x - 4)$$

(6)  $x^2 - \frac{1}{9}$

$$\left(x + \frac{1}{3}\right)\left(x - \frac{1}{3}\right)$$

(7)  $x^2 - 16y^2$

$$(x + 4y)(x - 4y)$$

(8)  $9x^2 - 6x + 1$

$$(3x - 1)^2$$

(9)  $x^2 + 21x + 80$

$$(x + 16)(x + 5)$$

(10)  $x^2 - 14x + 48$

$$(x - 8)(x - 6)$$

