

○次の式を因数分解せよ。

1.  $x^2 + 7x - 8 =$

6.  $x^2 - 3x - 28 =$

[  $(x + 8)(x - 1)$  ]

[  $(x - 7)(x + 4)$  ]

2.  $x^2 - 9x + 18 =$

7.  $x^2 - 11x + 30 =$

[  $(x - 3)(x - 6)$  ]

[  $(x - 6)(x - 5)$  ]

3.  $x^2 + 12x + 36 =$

8.  $x^2 - 22x + 121 =$

[  $(x + 6)^2$  ]

[  $(x - 11)^2$  ]

4.  $x^2 - 2x + 1 =$

9.  $x^2 - x + \frac{1}{4} =$

[  $(x - 1)^2$  ]

[  $(x - \frac{1}{2})^2$  ]

5.  $x^2 + 18x + 81 =$

10.  $x^2 - 8x + 16 =$

[  $(x + 9)^2$  ]

[  $(x - 4)^2$  ]