

○次の式を因数分解せよ。

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

[$(x + 9)^2$]

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

[$(x - 1)^2$]

3. $x^2 - 25 =$

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

4. $x^2 - 4 =$

[$(x - 2)(x + 2)$]

5. $x^2 - 36 =$

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

6. $x^2 - 24x + 144 =$

[$(x - 12)^2$]

7. $x^2 - 16x + 64 =$

[$(x - 8)^2$]

8. $x^2 - 9 =$

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

9. $x^2 - 169 =$

[$(x - 13)(x + 13)$]

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

[$(x - \frac{3}{2})(x + \frac{3}{2})$]