

○次の式を因数分解せよ。

1. $x^2 + 10x + 21 =$

[$(x + 3)(x + 7)$]

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

[$(x - 4)^2$]

3. $x^2 - 144 =$

[$(x - 12)(x + 12)$]

4. $x^2 - 21x + 110 =$

[$(x - 10)(x - 11)$]

5. $9x^2 - x =$

[$x(9x - 1)$]

6. $x^2 - 18x + 81 =$

[$(x - 9)^2$]

7. $x^2 - 169 =$

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

8. $x^2 - 5x - 50 =$

[$(x - 10)(x + 5)$]

9. $x^2 + 22x + 121 =$

[$(x + 11)^2$]

10. $9x^3 - x =$

[$x(3x - 1)(3x + 1)$]