

○次の式を因数分解せよ。

1. $x^2 + 16x + 48 =$

[$(x + 12)(x + 4)$]

2. $x^2 - 10x + 25 =$

[$(x - 5)^2$]

3. $x^2 - 225 =$

[$(x - 15)(x + 15)$]

4. $x^2 - 17x + 72 =$

[$(x - 9)(x - 8)$]

5. $x^2 - 16x =$

[$x(x - 16)$]

6. $x^2 - 14x + 49 =$

[$(x - 7)^2$]

7. $x^2 - 1 =$

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

8. $x^2 - 7x - 18 =$

[$(x - 9)(x + 2)$]

9. $x^2 + 28x + 196 =$

[$(x + 14)^2$]

10. $x^3 - 16x =$

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