

○次の式を因数分解せよ。

1. $x^2 + 3x =$

6. $9x^2 - 3x =$

[$x(x + 3)$]

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

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

7. $\frac{1}{2}x^2 + 5x =$

[$x^2(2x - 3)$]

[$\frac{1}{2}x(x + 10)$]

3. $x^2 + 5x + 6 =$

8. $x^2 - x - 72 =$

[$(x + 2)(x + 3)$]

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

4. $x^2 - 14x + 40 =$

9. $x^2 + 9x + 14 =$

[$(x - 4)(x - 10)$]

[$(x + 2)(x + 7)$]

5. $x^2 + 12x - 45 =$

10. $x^2 - 7x + 10 =$

[$(x + 15)(x - 3)$]

[$(x - 2)(x - 5)$]