

○次の式を因数分解せよ。

1. $x^2 + 6x + 9 =$

[$(x + 3)^2$]

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

3. $x^2 - 81 =$

[$(x - 2)^2$]

4. $x^2 - 16 =$

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

5. $x^2 - 121 =$

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

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

6. $x^2 - 30x + 225 =$

[$(x - 15)^2$]

7. $x^2 - 26x + 169 =$

8. $x^2 - \frac{4}{25} =$

[$(x - 13)^2$]

9. $x^2 - \frac{1}{196} =$

[$(x - \frac{2}{5})(x + \frac{2}{5})$]

10. $x^2 - \frac{6}{216} =$

[$(x - \frac{1}{14})(x + \frac{1}{14})$]

[$(x - \frac{1}{6})(x + \frac{1}{6})$]