

○次の計算をせよ。

1. $(x + 1)(x - 9) =$

6. $4(x + \frac{1}{2})^2 =$

[$x^2 - 8x - 9$]

[$4x^2 + x + 1$]

2. $2(\frac{1}{2}x + \frac{1}{2})(x - 1) =$

7. $\frac{1}{2}(x - \frac{1}{6})(2x + \frac{1}{3}) =$

[$x^2 - 1$]

[$x^2 - \frac{1}{36}$]

3. $\frac{1}{2}(2x - 6)(x + 4) =$

8. $(x + y)^2 =$

[$x^2 + x - 12$]

[$x^2 + 2xy + y^2$]

4. $\frac{1}{3}(3x - \frac{3}{4})(x + \frac{1}{4}) =$

9. $(x - y + 6)(x - y - 6) =$

[$x^2 - \frac{1}{16}$]

[$x^2 - 2xy + y^2 - 36$]

5. $3(x - 1)(x - 2) =$

10. $(x + y + z)(x - y - z) =$

[$3x^2 - 9x + 6$]

[$x^2 - y^2 - 2yz - z^2$]