

因数分解 基本（20問） 版Iの答え

※ 答えは、展開して元の式に戻るかで自分で確かめられます。

$$(1) \ x^2 - 8x + 16 \\ = (x - 4)^2$$

$$(2) \ x^2 - 6x + 5 \\ = (x - 5)(x - 1)$$

$$(3) \ 4x^2 + 24x \\ = 4x(x + 6)$$

$$(4) \ x^2 + 11x + 18 \\ = (x + 2)(x + 9)$$

$$(5) \ x^2 + 2x - 63 \\ = (x - 7)(x + 9)$$

$$(6) \ 4x^2 - 25 \\ = (2x - 5)(2x + 5)$$

$$(7) \ x^2 - 81 \\ = (x - 9)(x + 9)$$

$$(8) \ 6x^2 + 12x \\ = 6x(x + 2)$$

$$(9) \ x^2 - 2x - 15 \\ = (x - 5)(x + 3)$$

$$(10) \ 3x^2 - 21x \\ = 3x(x - 7)$$

$$(11) \ x^2 + 5x - 14 \\ = (x - 2)(x + 7)$$

$$(12) \ x^2 + 9x + 20 \\ = (x + 4)(x + 5)$$

$$(13) \ x^2 - x - 30 \\ = (x - 6)(x + 5)$$

$$(14) \ x^2 - 2x + 1 \\ = (x - 1)^2$$

$$(15) \ x^2 + x - 72 \\ = (x - 8)(x + 9)$$

$$(16) \ x^2 - 6x + 9 \\ = (x - 3)^2$$

$$(17) \ x^2 + x - 20 \\ = (x - 4)(x + 5)$$

$$(18) \ x^2 + 12x + 36 \\ = (x + 6)^2$$

$$(19) \ 9x^2 - 49 \\ = (3x - 7)(3x + 7)$$

$$(20) \ x^2 - 4 \\ = (x - 2)(x + 2)$$