

[実習5.2

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[(1)

> $factor(x^2 + 3 \cdot x - 4)$
 $(x + 4) (x - 1)$ (1)

[(2)

> $factor(x^4 + 4 \cdot x^3 - x^2 - 16 \cdot x - 12)$
 $(x - 2) (x + 3) (x + 2) (x + 1)$ (2)

[(3)

> $factor(x^9 - 1)$
 $(x - 1) (x^2 + x + 1) (x^6 + x^3 + 1)$ (3)

[(4)

> $factor(x^{10} - y^{10})$
 $(x - y) (x + y) (x^4 + x^3 y + x^2 y^2 + x y^3 + y^4) (x^4 - x^3 y + x^2 y^2 - x y^3 + y^4)$ (4)

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