

# Polynomials

## Question

*Which of the following expressions is not equivalent to the others?*

(a)  $(x^2 - 2)^2 + 4(x^2 - 2) + 3$

(b)  $(x^2 + 1)(x - 1)(x + 1)$

(c)  $x^4 - 1$

(d)  $(x + 1)^2(x - 1)^2$

(e)  $(x + 1)(x - 1)(x + i)(x - i)$

Answer: (d) Question focuses on making sense of structure.