

Quiz 80

1. Which of the following is NOT a polynomial?

A) 8

B) $x + x^{-2}$

C) $x^2y^2 + 5$

D) $x^2 + 3x - 5$

2. $3x^4 - 5x^2 + x - 6$

What is the degree and leading coefficient of the polynomial above?

Simplify. Write your answers in standard form.

3. $(2x + 7) - (4x - 2)$

4. $(-3x + 5) + (7x + x^2 - 5)$

5. $(x^3 + 4x + 9 - 2x^2) - (2 - 3x + x^2)$