

Lesson 10

Introduction to Polynomials

Answers

1) $3x^2 + 2x + 5$

2) $5y^2 + 2y - 3y^2 + y - 6 = 2y^2 + 3y - 6$

3) $3x^3 + 12x^2 - 6x$

4) Degree 3 (from the $7a^3$ term)

5) $6m^2 + 4m - 4$

6) $6x^2 + 10x - x^2 + x = 5x^2 + 11x$

7) Area = $(x + 3)(2x - 1) = 2x^2 - x + 6x - 3 = 2x^2 + 5x - 3$