

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