


# Ch . 2 – POLYNOMIALS

By the end of the unit, it is expected that you will:	😊 EXCELLENT	😐 LOOK OVER	😞 NO CLUE
<p><b>B4. Demonstrate an understanding of the multiplication of polynomial expressions (limited to monomials, binomials and trinomials), concretely, pictorially, and symbolically.</b></p> <p><b>QUESTIONS:</b></p> <p>1. <math>(-x^2 - 2y^2)(-x^2 + 2y^2)</math></p> <p>2. Expand and simplify: <math>(x - 4)^3</math></p> <p>A. <math>x^3 - 12x^2 + 48x - 64</math></p> <p>B. <math>x^3 + 12x^2 + 48x + 64</math></p> <p>C. <math>x^3 - 4x^2 + 16x + 64</math></p> <p>D. <math>x^3 - 64</math></p>			
<p><b>B5. Demonstrate an understanding of common factors and trinomial factoring, concretely, pictorially, and symbolically.</b></p> <p>1. Factor <math>-2x^4 - 4x^3 + 30x^2</math></p> <p>2. Given that the area of the rectangle below is <math>2x^2 + 9x - 5</math>, determine the length of the rectangle.</p> <div style="text-align: center; margin: 10px 0;">  </div> <p>A. <math>2x - 1</math></p> <p>B. <math>2x + 1</math></p> <p>C. <math>2x + 9</math></p> <p>D. <math>2x^2 + 8x - 10</math></p>			

## HOMEWORK

Textbook Section	Page/Questions	Optional
2.1 p.66-70	1-5,6-8odd,9,10	6-8even,
2.2 p.76-79	1-3odd,4,5,6odd,7ae	1-3even,6even,7bcd
2.3 p.82-85	1-6odd,7-10	1-6even,
2.4 p.89-94	1-5,6-11odd,12,14 (omit 11e)	6-11even,13,15
2.5 p.98-100	1-3,4-5odd,6a,7,8	4-5even,6bcd
2.6 p.102-106	1-3,4-5odd,6-7ace,8acde,9ac	4-5even,6-7all,8bf,9bde
REVIEW	Practice Test	Chapter Review p.107 1-8