

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Class worksheet: Alg2H  
Rational expressions: Divide (Synthetic)  
(book chapter 6)

Long	Synthetic

(W/ remainder)

$$\frac{2x^3 + 5x^2 + 5x + 6}{x + 2} = ?$$

$$\frac{2x^4 - 30x^2 - 2x - 1}{x - 4} = ?$$

$$(x^5 + x^4 + x^3 + x^2 + x + 1) \div (x + 1) = ?$$