Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Division of Polynomials

What Did The Math Teacher Have For Dinner?

Directions: Use synthetic or long division to divide the polynomials. Then use the answer to determine which letter corresponds to the problem number to solve the riddle!

1. The area of a rectangle is and the width is . What is the length?

Now match your answer with a letter to solve the riddle!

A ! N R

D M I E S

What Did The Math Teacher Have For Dinner?

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5 9 1 8 6 4 2 9 5 7 3