

## Unit 5: Polynomials



### Unit Checkpoint

Use the *Check Point* to check and reflect before completing the *Test Your Understanding Quiz* for *Unit 5: Polynomials*.

I understand how to:

Unit 5 Concepts	Place a checkmark in the appropriate column		
	Yes	No	Maybe
Model the multiplication of two binomials using pictures or algebra tiles, and record the process symbolically			
Explain how binomial multiplication is related to area			
Explain the relationship between binomial multiplication and multiplying two-digit numbers			
Verify polynomial multiplication using substitution			
Multiply two polynomials and combine like terms in the product			
Explain how to multiply any two polynomials			
Correct errors in a polynomial multiplication			
Factor a polynomial using the GCF of its terms			
Model the factoring of a trinomial using pictures or algebra tiles, and record the process symbolically			
Factor a polynomial that is a difference of squares			
Identify and correct errors in a polynomial factorization			
Factor a polynomial, and verify by multiplying the factors			
Use examples to show the relationship between multiplying and factoring polynomials			
Generalize and explain strategies used to factor a trinomial			
Express a polynomial as a product of its factors			

If you have any concerns from the *Check Point*, please refer to *Enhance Your Understanding* in the *Module* for designated practice questions and their solutions, to help you improve your skills.

Contact your teacher for assistance and clarification as needed.

You have completed the *Lessons* and *Workbooks* for *Unit 5: Polynomials*. Please review all work in *Workbook 5B* to ensure it is your best work. Submit *Workbook 5B* for marking at this time and continue your training with the next unit, *Unit 6: Relations and Functions*.

Complete the *Test Your Understanding Quiz* when you have reviewed the feedback provided by your marker for *Workbooks 5A* and *5B*.