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| **Essential Learning/Proficiency Standard #5 - Polynomials** |
| **Skills:  Students can add, subtract, multiply, and divide polynomials.** |
| **Level:  Algebra 1(CCSS:***A.APR.1***)** |
| **Score 4.0** | **The student reaches proficiency on the 2.0 content, 3.0 content, and problems involving the content that goes above course level requirements.** | **Sample Activities** |
| * **x2+3x-10x-2**
* **2x-34**
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|  | **3.5** | Proficiency is reached on the 2.0 content and 3.0 content, but only a conceptual knowledge of the 4.0 content is demonstrated. |  |
| **Score 3.0** | **The student reaches proficiency on the 2.0 content and problems involving:*** Adding, subtracting, and multiplying polynomials with multiple terms together
* Simplifying polynomials involving multiple operations
* Apply simplifying polynomials in a real-world context
 | * 5x2-7x+2--3x2-4x+1
* 3x+52x-7
* 4(x-6)-2(3x+9)
* Find the perimeter and area of a rectangle with a length of 5x2and a width of 7x2+4x
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|  | **2.5** | Proficiency is reached on the 2.0 content, but only a conceptual knowledge of the 3.0 content is demonstrated. |  |
| **Score 2.0** | **The student reaches proficiency on problems involving:*** Adding and subtracting monomials
* Multiplying a monomial by a polynomial
* Dividing a polynomial by a monomial
 | * 3x2+5x-7x2-9+2x
* -7x4(2x2-6x+3)
* 2x53
* 20x4+35x7-10x5x
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|  | **1.5** | **With help, the student reaches proficiency of both the 2.0 content and the 3.0 content.** |  |
| **Score 1.0** | **With help, the student reaches proficiency of the 2.0 content, but not the 3.0 content.** |
|  | **0.5** | With or without help, proficiency of the 2.0 content is not reached, but a conceptual knowledge of the 2.0 content and the 3.0 content is demonstrated. |
| **Score 0.0** | **Even with help, proficiency of the 2.0 content is not reached, and conceptual knowledge of the content has not been demonstrated.** |