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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** |
|  | **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 |
|  | **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 |
|  | **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.** | |