EA3 Unit 4 Algebra student Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Per\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Scoring  Guide | 4  (Exemplary) | 3  (Proficient) | 2  (Emerging) | 1  (Incomplete) |
| Mathematical Knowledge & Thinking  Problem Solving  Mathematical Modeling/ Representations  (1) | Correctly finds the area of the missing face. Shows effective understanding and accuracy of adding, subtracting, and multiplying polynomials. | Finds an area with 1-2 computational errors. | Finds the area with 3-4 computational errors | Attempts to find the area and is inaccurate with addition, subtraction, and multiplication of polynomials. |
| Mathematical Modeling/ Representations  Problem Solving  Reasoning and Communication  (2a volume) | Correctly verifies the given volume is correct.. Reasoning is explained through work or verbally with precise use of math terms and language to justify each step in verifying answer. | Finds the volume with 1-2 computational errors. | Finds the volume with 3-4 computational errors. | Attempts to find the volume and is inaccurate with addition, subtraction, and multiplication of polynomials. |
| Mathematical Modeling/ Representations  Problem Solving  Reasoning and Communication  (2b surface area) | Correctly verifies the given surface area is correct. Reasoning is explained through work or verbally with precise use of math terms and language to justify each step in verifying answer. | Finds the total surface area with 1-2 computational errors. | Finds the surface area with 3-4 computational errors. | Attempts to find the surface are and is inaccurate with addition, subtraction, and multiplication of polynomials. |
| Mathematical Knowledge & Thinking  Mathematical Modeling/ Representations  (3) | Correctly finds the volume of the cylinder. Shows effective understanding and accuracy of multiplying polynomials. | Finds the volume with 1-2 computational errors. | Finds the volume with 3-4 computational errors. | Attempts to find the volume and is inaccurate with multiplication of polynomials. |
|  |  |  |  |  |

\*\*Score of 0 is given for blank or all incorrect answers for a topic. Any question as to a score that would fall in-between two categories will be decided on an overall evaluation of student performance for the topic.