Standards-Based Grading Rubric

Assessment: Copy of 7.1-7.4 Quiz V3.docx

Student Name: _____ **Date:** _____

Question 1

Standard:	A-APR.A.1	**Rigor:**	mild

Problem 1: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

Mastery Level (check one):

- ☐ **4 - Demonstrates Full Mastery**
  (Exceeds expectations, shows deep understanding)
- ☐ **3 - Demonstrates Mastery with Unrelated Mistakes**
  (Meets expectations, minor errors don't affect understanding)
- ☐ **2 - Does Not Demonstrate Mastery**
  (Approaching expectations, significant gaps in understanding)
- ☐ **1 - No Attempt**
  (No evidence of understanding or no response provided)

Evidence/Notes:

Question 1

Standard:	A-APR.A.1	**Rigor:**	mild

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Evidence/Notes:

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Question 10

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 10: Solve quadratic equations in one variable.

Mastery Level (check one):

- ☐ **4 - Demonstrates Full Mastery**
  (Exceeds expectations, shows deep understanding)
- ☐ **3 - Demonstrates Mastery with Unrelated Mistakes**
  (Meets expectations, minor errors don't affect understanding)
- ☐ **2 - Does Not Demonstrate Mastery**
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- ☐ **1 - No Attempt**
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Evidence/Notes:

Question 10

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 10: Solve quadratic equations in one variable.

Mastery Level (check one):

- ☐ **4 - Demonstrates Full Mastery**
  (Exceeds expectations, shows deep understanding)
- ☐ **3 - Demonstrates Mastery with Unrelated Mistakes**
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Question 10

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 10: Solve quadratic equations in one variable.

Mastery Level (check one):

- ☐ **4 - Demonstrates Full Mastery**
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Evidence/Notes:

Question 11

Standard:	A-SSE.A.2	**Rigor:**	medium

Problem 11: Use the structure of an expression to identify ways to rewrite it. For example, see x^4 - y^4 as (x^2)^2 - (y^2)^2, thus recognizing it as a difference of squares that can be factored as (x^2 - y^2)(x^2 + y^2).

Mastery Level (check one):

- ☐ **4 - Demonstrates Full Mastery**
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Evidence/Notes:

Question 11

Standard: A-SSE.A.2 **Rigor:** medium

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Question 12

Standard: A-REI.A.1 **Rigor:** medium

Problem 12: Explain each step in solving a simple equation as following from the equality of numbers asserted at the previous step, starting from the assumption that the original equation has a solution. Construct a viable argument to justify a solution method.

Mastery Level (check one):

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Evidence/Notes:

Question 12

Standard: A-REI.A.1 **Rigor:** medium

Problem 12: Solve quadratic equations in one variable.

Mastery Level (check one):

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  (Exceeds expectations, shows deep understanding)
- ☐ **3 - Demonstrates Mastery with Unrelated Mistakes**

Question 12

Standard:	A-REI.A.1	**Rigor:**	medium

Problem 12: Solve quadratic equations in one variable.

Mastery Level (check one):

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Evidence/Notes:

Question 2

Standard:	A-APR.A.1	**Rigor:**	medium

Problem 2: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

Mastery Level (check one):

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Question 3

Standard:	A-APR.A.1	**Rigor:**	mild

Problem 3: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

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Evidence/Notes:

Question 4

Standard:	A-APR.A.1	**Rigor:**	medium

Problem 4: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

Mastery Level (check one):

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Question 4

Standard:	A-APR.A.1	**Rigor:**	medium

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Standard:	A-APR.A.1	**Rigor:**	medium

Problem 4: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

Mastery Level (check one):

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Question 5

Standard:	A-APR.A.1	**Rigor:**	medium

Problem 5: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

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Evidence/Notes:

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Evidence/Notes:

Question 6

Standard:	A-APR.A.1	**Rigor:**	medium

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Mastery Level (check one):

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Question 7

Standard:	A-APR.A.1	**Rigor:**	medium

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Evidence/Notes:

Question 8

Standard:	A-APR.A.1	**Rigor:**	medium

Problem 8: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

Mastery Level (check one):

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Question 8

Standard:	A-APR.A.1	**Rigor:**	medium

Problem 8: Understand that polynomials form a system analogous to the integers, namely, they are closed under the operations of addition, subtraction, and multiplication; add, subtract, and multiply polynomials.

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Question 9

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 9: Solve quadratic equations in one variable.

Mastery Level (check one):

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- ☐ **3 - Demonstrates Mastery with Unrelated Mistakes**
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Evidence/Notes:

Question 9

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 9: Solve quadratic equations in one variable.

Mastery Level (check one):

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Question 9

Standard:	A-REI.B.4	**Rigor:**	medium

Problem 9: Solve quadratic equations in one variable.

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Evidence/Notes:

Overall Standards Mastery Summary

Standards Mastered (Level 3-4): _____

Standards Approaching (Level 2): _____

Standards Not Yet Demonstrated (Level 1): _____

Next Steps for Learning: