Standards Sherpa - Grading Rubric

Assessment: Copy of 7.1-7.4 Quiz V3.docx

Student Name: _____ Date: _____

Question 1

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.

Score: _____ / _____ points

Question 2

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.

Score: _____ / _____ points

Question 3

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.

Score: _____ / _____ points

Question 4

Problem 10: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 5

Problem 10: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 6

Problem 10: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 7

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).

Score: _____ / _____ points

Question 8

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).

Score: _____ / _____ points

Question 9

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).

Score: _____ / _____ points

Question 10

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.

Score: _____ / _____ points

Question 11

Problem 12: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 12

Problem 12: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 13

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.

Score: _____ / _____ points

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Score: _____ / _____ points

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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.

Score: _____ / _____ points

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Score: _____ / _____ points

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Score: _____ / _____ points

Question 25

Problem 6: 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.

Score: _____ / _____ points

Question 26

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Score: _____ / _____ points

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Score: _____ / _____ points

Question 28

Problem 7: 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.

Score: _____ / _____ points

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Score: _____ / _____ points

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Score: _____ / _____ points

Question 31

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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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 34

Problem 9: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 35

Problem 9: Solve quadratic equations in one variable.

Score: _____ / _____ points

Question 36

Problem 9: Solve quadratic equations in one variable.

Score: _____ / _____ points

Total Score: _____ / _____ points