

QR Code

Unit 2 Free Response Test B

Student Name (Last, First):

Rubric

Criteria	Rigor	Full Credit	Partial Credit	Minimal Credit	No Credit
Q1: Problem 1: Not applicable as the question is missi... N/A	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q2: Problem 2: Know and apply the Remainder Theorem: F-APR.B.2	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q3: Problem 3a: Identify zeros of polynomials when F-APR.B.3	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q4: Problem 3b: Identify zeros of polynomials when F-APR.B.3	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q5: Problem 3c: Identify zeros of polynomials when F-APR.B.3	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q6: Problem 3d: Identify zeros of polynomials when F-APR.B.3	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q7: Problem 4: Know the Fundamental Theorem of Algebra... N-CN.C.9	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q8: Problem 5: Graph rational functions, identifying z... F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q9: Problem 6: Graph rational functions, identifying z... F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q10: Problem 7: Graph rational functions, identifying F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.

Q11: Problem 8: Graph rational functions, identifying f^{-1} . F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q12: Problem 9: Explain why the x-coordinates of the points at which a function intersects the x-axis are solutions to the equation $f(x) = 0$. A-REI.D.11	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q13: Problem 10: Graph rational functions, identifying f^{-1} . F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q14: Problem 11: Graph rational functions, identifying f^{-1} . F-IF.C.7d	*	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q15: Problem 12: Graph functions expressed symbolically... F-IF.C.7b	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q16: Problem 13: Graph functions expressed symbolically... F-IF.C.7b	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q17: Problem 14: Graph rational functions, identifying f^{-1} . F-IF.C.7d	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q18: Problem 15A: For a function that models a relation... F-IF.B.4	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q19: Problem 15B: For a function that models a relation... F-IF.B.4	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q20: Problem 15C: For a function that models a relation... F-IF.B.4	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q21: Problem 16A: Write a function that describes a relation... F-BF.A.1	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q22: Problem 16B: Write a function that describes a relation... F-BF.A.1	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.

Q23: Problem 16C: For a function that models a relation... F-IF.B.4	***	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q24: Problem 17A: Write a function that describes a rel... F-BF.A.1	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q25: Problem 17B: Write a function that describes a rel... F-BF.A.1	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q26: Problem 17C: For a function that models a relation... F-IF.B.4	**	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.
Q27: Problem 17D: For a function that models a relation... F-IF.B.4	***	Demonstrates complete understanding with accurate solution.	Shows understanding with minor errors in computation.	Attempts solution but with significant errors.	No attempt or entirely incorrect.

Overall Standards Mastery Summary

Standards Mastered (Level 3-4):

Standards Approaching (Level 2):

Standards Not Yet Demonstrated (Level 1):

Next Steps for Learning: