QUIZEN – Number System(9M01)

Learning Level 1	Learning Level 2	Learning Level 3
Q - Remembering (knowledge-based questions) U - Understanding (comprehension-based questions)	I - Applying (application-based questions) Z - Analyzing (analysis-based questions)	E - Evaluating (evaluation-based questions) N - Creating (creation-based questions)

Learning Level 1

1. What is a rational number? Give an example.

2. Define the term 'exponent' in your own words.

3. What is the value of the square root of 16?

4. Write the decimal representation of the fraction 5/8.

5. Which number is greater: -2 or -3?

Learning Level 2

6. Place the following numbers on a number line: -3, -1, 0, 2, 4.

7. Simplify the expression $2x^3 * 3x^2$.

8. Write the prime factorization of the number 120.

9. Solve the equation 2x + 5 = 17.

10. Evaluate the expression $2^4 / 2^3$.

11. Prove that the sum of two rational numbers is also a rational number.

12. Explain why the square root of 2 is an irrational number.

13. Use the distributive property to simplify the expression $(3x + 4)(2x - 5)$.

14. Compare and contrast the properties of real numbers with those of complex numbers.

15. Create an original word problem that involves using exponents to solve.