

Name _____

Quantum Computing Unveiled: A Journey into the World of Qubits and Quantum Superposition

Multiple Choice Answer Key

1. b) Qubits can exist in multiple states simultaneously due to quantum superposition.
2. a) The ability of qubits to exist in multiple states at once.
3. c) The process of linking qubits' states so they instantly affect each other.
4. b) Manipulate qubits to perform various operations.
5. b) Quantum algorithms leverage qubits to solve certain problems exponentially faster than classical computers.