

Name \_\_\_\_\_

Animal Cells

**Answer Key: Comparing Human Cells and Muscle Cells**

1. Muscle cells, or muscle fibers, are specialized cells responsible for generating force and facilitating movement in the body.
2. Muscle cells have myofibrils containing contractile proteins, enabling them to contract and generate force.
3. Myofibrils are long, thread-like structures within muscle cells that contain contractile proteins and play a central role in muscle contraction.
4. Mitochondria in muscle cells produces the energy needed for muscle contraction.
5. False