

Answer Key: Comparing Human Cells and Red Blood Cells

1. Red blood cells, or erythrocytes, are specialized cells responsible for transporting oxygen from the lungs to body tissues and carrying carbon dioxide back to the lungs for removal.
2. The biconcave shape of red blood cells provides a large surface area for efficient gas exchange.
3. The absence of a nucleus in red blood cells allows for more space to carry oxygen and is important for their function.
4. Red blood cells are continuously produced in the bone marrow.
5. False