

Name_

Counting Simulated Blood Cells Worksheet

Data Table

Square Counted	Sample A	Sample B
1		
2		
3		
4		
5		
Total		

Post-Lab Questions

- 1. Calculate the number of red blood cells per mm³ for each sample, A and B, using Equation 1.
- 2. Assume that sample A is from a woman and sample B is from a man. Are the number of cells for each sample within the normal ranges?
- 3. A woman has a RBC count of 3.9 million per mm³. Would this woman be considered anemic?
- 4. A medical professional draws blood from a vein in the arm, which appears blue when viewed through the skin. When the blood sample is obtained, it is red in color. Explain.

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