FLINN SCIENTIFIC

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 mm^3 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 mm^3. 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.