

<b>CHAPTER 8</b>	<b>Blood Cell Activity Answer Key</b>	<b>BLM 8.2.2A</b>
<b>ANSWER KEY</b>		

Patient	Red Blood Cells ( $\times 10^9/\text{mL blood}$ )	White Blood Cells ( $\times 10^6/\text{mL blood}$ )	Platelets ( $\times 10^8/\text{mL blood}$ )
1 (normal)	5	7	3
2	3.5	12	2
3	3.7	7	3
4	7	7	3
5	5	8	1

1. Patients 2 and 5 may be having difficulty with blood clotting because they each have a lower than normal platelet count.
2. Patient 2 and 3 might appear tired and lack energy because their red blood cell count is low, and therefore the oxygen-carrying capability may be diminished.
3. Patient 2 is likely fighting off an infection because the white blood cell count is higher than normal, indicating the white blood cells are fighting off an infection.