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| CHAPTER 8 | <h1>Blood Cell Activity Answer Key</h1> | BLM 8.2.2A |
| ANSWER KEY | | |

| 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.