

<b>CHAPTER 18</b>	<b>Thought Lab 18.5: Reading a DNA Fingerprint Answer Key</b>	<b>BLM 18.3.10A</b>
<b>ANSWER KEY</b>		

### Answers to Analysis Questions

1. The parents of the child are Parents B. They are the only parents that have all of the same DNA segments as the child.
2. Five of the child's DNA segments (50 percent) match the mother, and the other five (50 percent) match the father.
3. Other situations where DNA fingerprinting may be useful are in paternity cases, identifying the remains of murder or accident victims, tracing the movement of wildlife, or in plant and animal breeding programs.