

CHAPTER 16 DNA TECHNOLOGY**Applying Scientific Methods continued**

- Which location represents the longest DNA fragment? Which location represents the shortest fragment? Explain. _____

- Which of the men, Father #1 or Father #2 is probably the biological parent of the baby? Explain. _____

- What would be indicated if you saw only one band in a lane? _____

- Below is a drawing of a hypothetical gel. Included on the gel is the banding pattern of the mother and father of two children. Draw what the pattern of bands for each of the children might look like. Indicate the possible parental source using ♂ for the male (father) and ♀ for the female (mother).

