

Name: _____

Formative Assessment

Karyotype Assessment

Follow the directions at <http://learn.genetics.utah.edu/content/basics/karyotype> to complete your karyotype.
Answer the following questions once finished.

- 1) What was the diploid number for this individual? $2n =$ _____ Is this count normal? YES NO
- 2) When completing this karyotype, what allowed you to pair them correctly? _____

- 3) What was the gender of this individual? (Circle one) M F Not enough info
How do you know? _____
- 4) Why are these chromosomes in pairs? From where do they come? _____

- 5) Can you determine from this karyotype whether this individual person has albinism?
Why or why not? _____

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