**CRIME SCENE INVESTIGATION**

**** Home Burglary

1. Crime Scene Sample #1 matches whose DNA? \_\_\_\_\_\_\_\_
2. Crime Scene Sample #2 matches whose DNA? \_\_\_\_\_\_\_\_
3. Who did the crime: Suspect 1 or Suspect 2? \_\_\_\_\_\_\_\_\_\_
4. Who has the smallest fragment of DNA? \_\_\_\_\_\_\_\_\_
5. Who has the largest fragment of DNA? \_\_\_\_\_\_\_\_\_

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 **Murder Crime Scene**

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Sexual Assault Case Murder Crime Scene

6) Who did the crime? \_\_\_\_\_\_\_\_\_\_\_\_\_ 7) Who did the crime? \_\_\_\_\_\_\_\_\_\_\_\_\_\_

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Assault with a Deadly Weapon

8) Is the defendant guilty? Circle One: YES / NO

9) How do you know?

**WHO ARE THE PARENTS?**

Is this the Real Father?

DNA Fingerprints (four DNA samples from the same people):

 #1 #2 #3 #4



***Example:***

***Fingerprint #1: Mother’s Genotype: AD, Child’s Genotype: AC, Alleged Father’s Genotype: BC***

#2) Mother’s Genotype: \_\_\_\_, Child’s Genotype: \_\_\_\_, Alleged Father’s Genotype: \_\_\_

#3) Mother’s Genotype: \_\_\_\_, Child’s Genotype: \_\_\_\_, Alleged Father’s Genotype: \_\_\_

#4) Mother’s Genotype: \_\_\_\_, Child’s Genotype: \_\_\_\_, Alleged Father’s Genotype: \_\_\_

5) Is the alleged father the real father of the child? Circle: YES / NO

Identifying a Soldier’s Remains

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6) Who are the parents of the soldier? \_\_\_\_\_\_\_\_\_\_\_\_