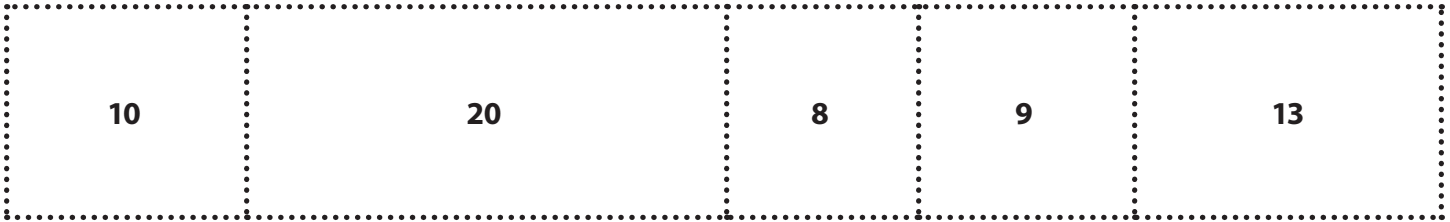


# Lesson 10

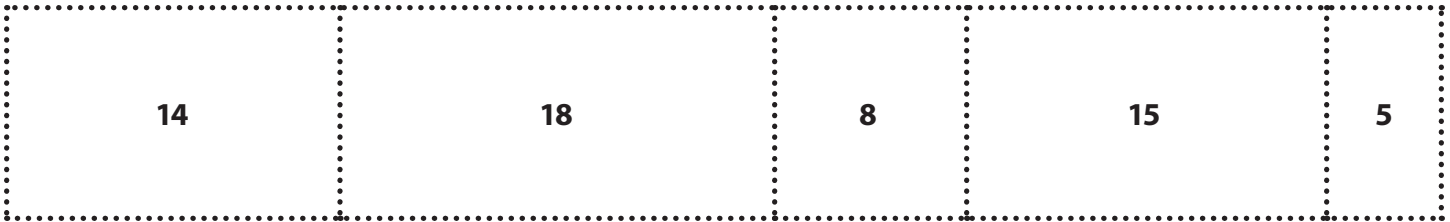
## Activity 1: DNA Strands

**Directions:** Cut each DNA fragment along the dotted lines.

### Suspect Sample #1



### Suspect Sample #2



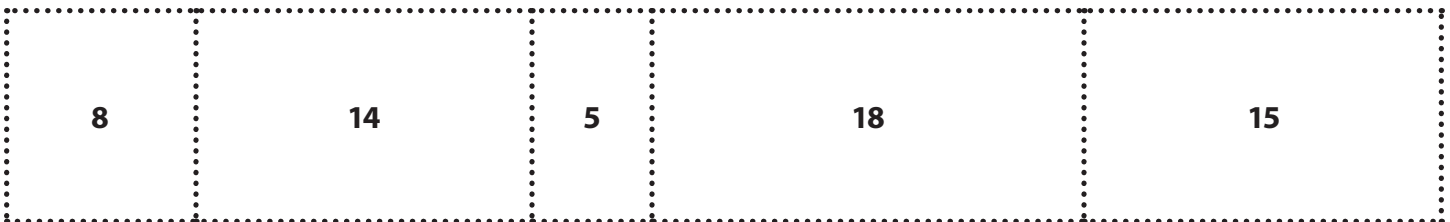
### Suspect Sample #3



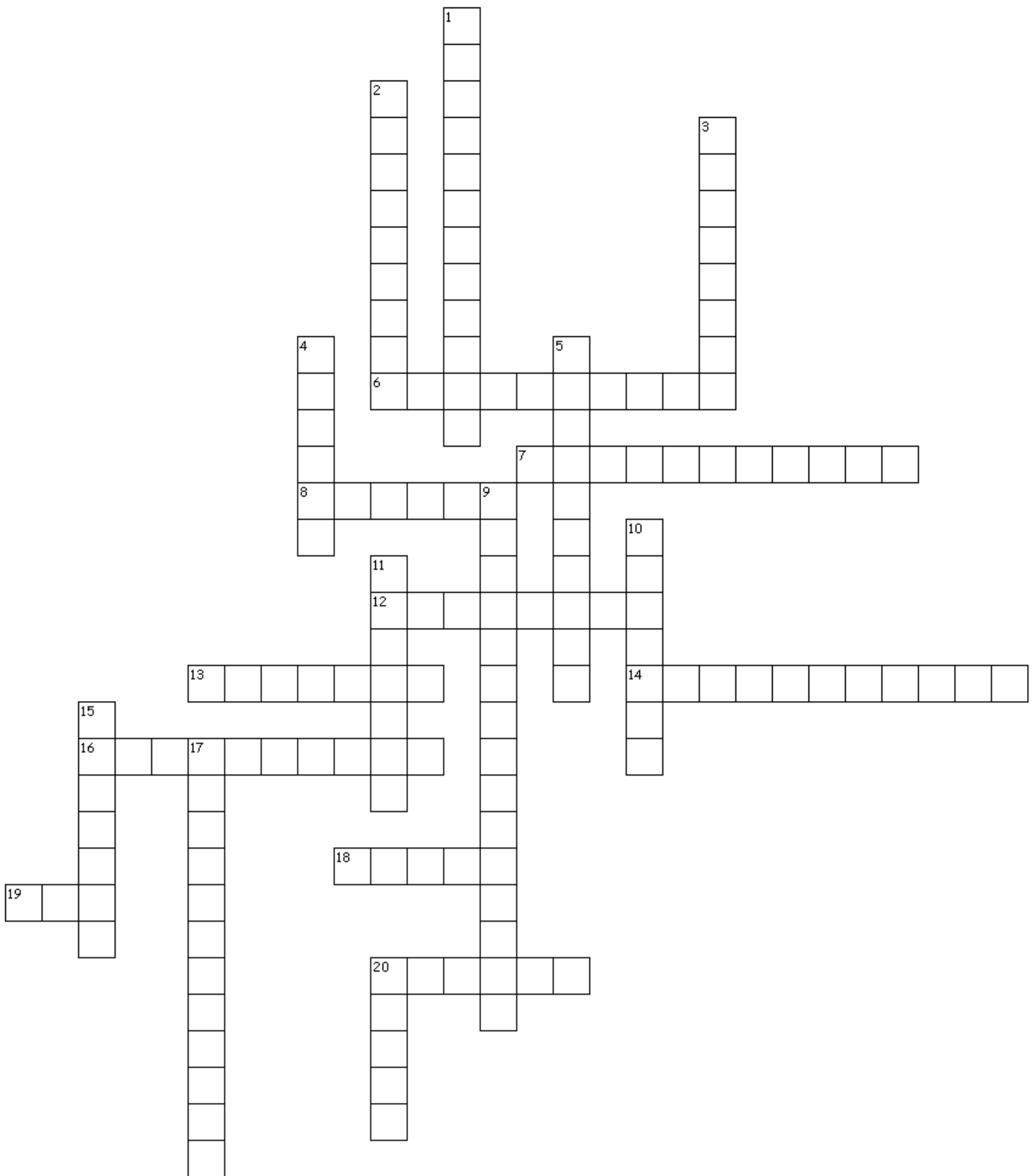
### Suspect Sample #4



### Crime Scene Sample



# MMM Crossword Puzzle Lessons 7-10



**Across**

6. Made when a substance does not completely dissolve
7. The chance or ability to commit a crime
8. Cloudy
12. A change
13. A person who examines what things are made of and how they change
14. Can be seen through, but not necessarily colorless
16. Man-made
18. Long skinny thread used to make fabric
19. It determines who you are
20. A reason to commit a crime

**Down**

1. Person who tests body fluids for the presence of drugs, alcohol or poison
2. Heat test to help identify fibers
3. Made when a substance dissolves and the reaction forms a liquid
4. The equipment used to run the electrophoresis and get the DNA profile
5. Different sized DNA bands that appear during testing
9. Electricity is used to separate the DNA into bands
10. Whatever you might inherit from your parents
11. A shape that is colorless and see-through
15. Derived from animals, plants, or minerals
17. The collection of information from people during a criminal investigation
20. A way to commit a crime