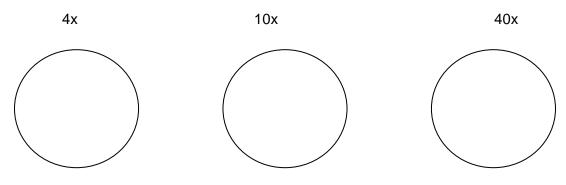
Name: Date:		
Fiber Analysis		
Scenario: The team of investige They want to know what mate	<del>-</del>	sample from the scene of the heist.
Materials:		
Procedure: 1.) Set up Microscope 2.) Prepare slides of differ 3.) Analyze each fiber sar 4.) Analyze the mystery fil 5.) Compare and contrast	nple - draw, label and use ber sample.	e adjectives to describe each sample. e to the other samples.
Data Collection:		
Mystery Sample:		
4x	10x	40x

Sample #1:		
4x	10x	40x
Sample #2:		
4x	10x	40x
Sample #3:		
4x	10x	40x
Sample #4:		
4x	10x	40x
Sample #F:		
Sample #5:		



## Discussion:

1.) Compare and contrast the natural materials (cotton, jupe, wool) with the synthetic materials (nylon and polypropylene). How are they similar, how are they different?

2.) Based on your evidence, what kind of material do you think the mystery sample is? Use specific evidence in your answer.

3.) What else could we do with the fibers to compare and contrast them? What other experiments could we create to find differences between the different types of fiber materials?

4.) Conclusion - what did you do and what did you learn?