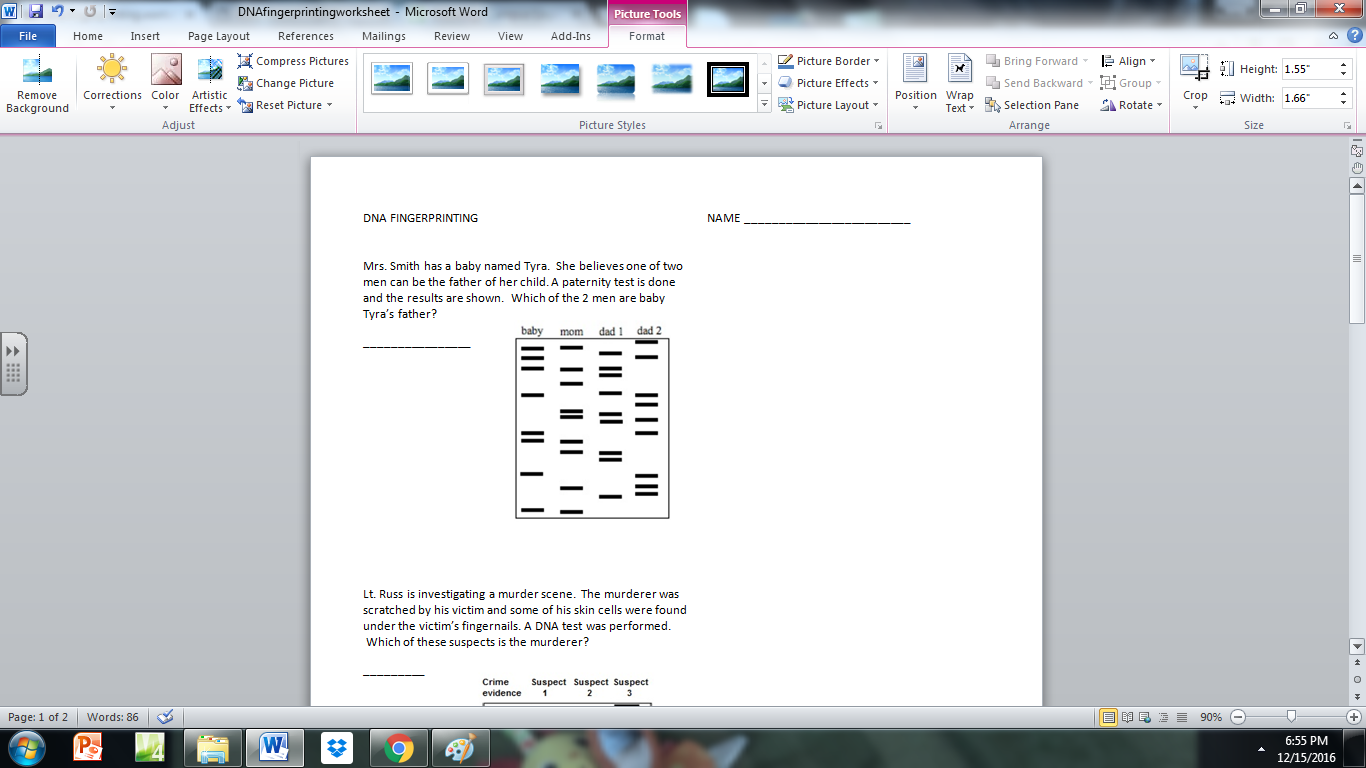
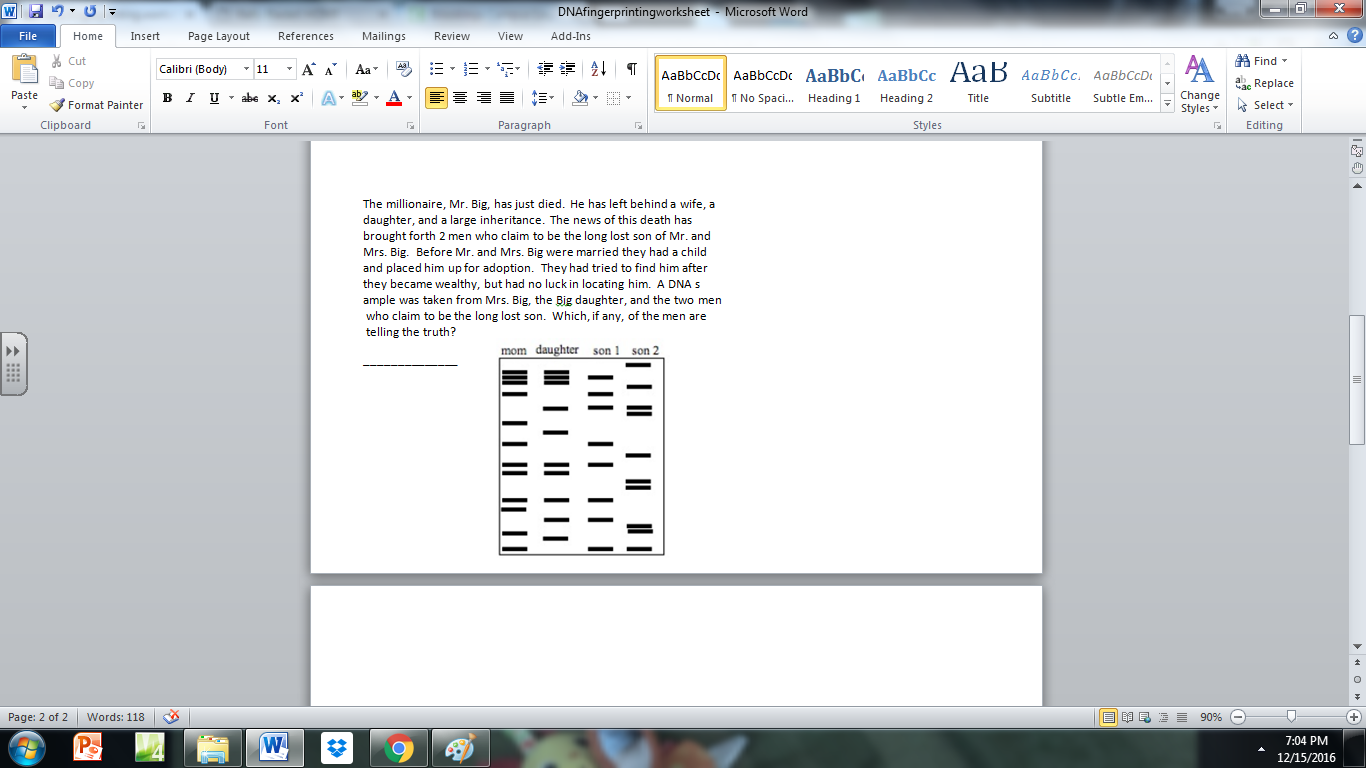
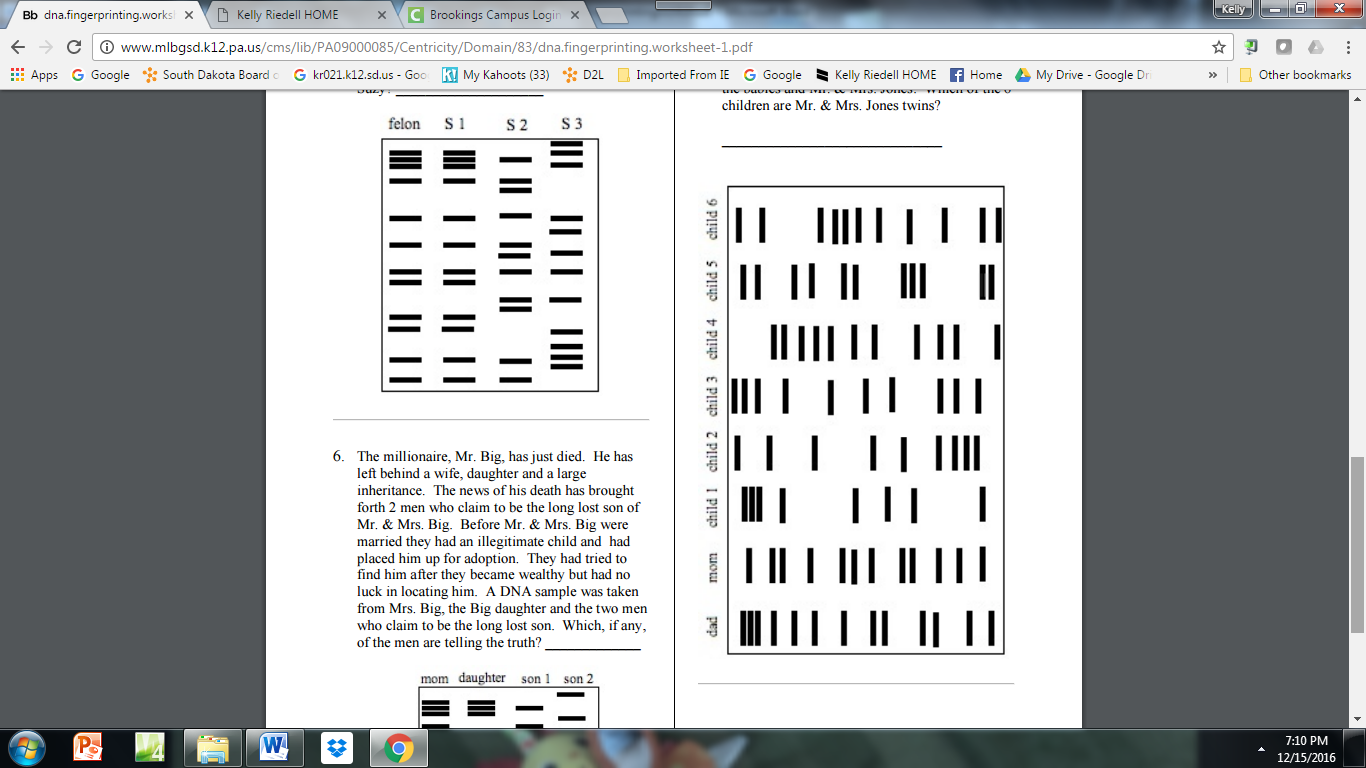
DNA FINGERPRINTING NAME \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

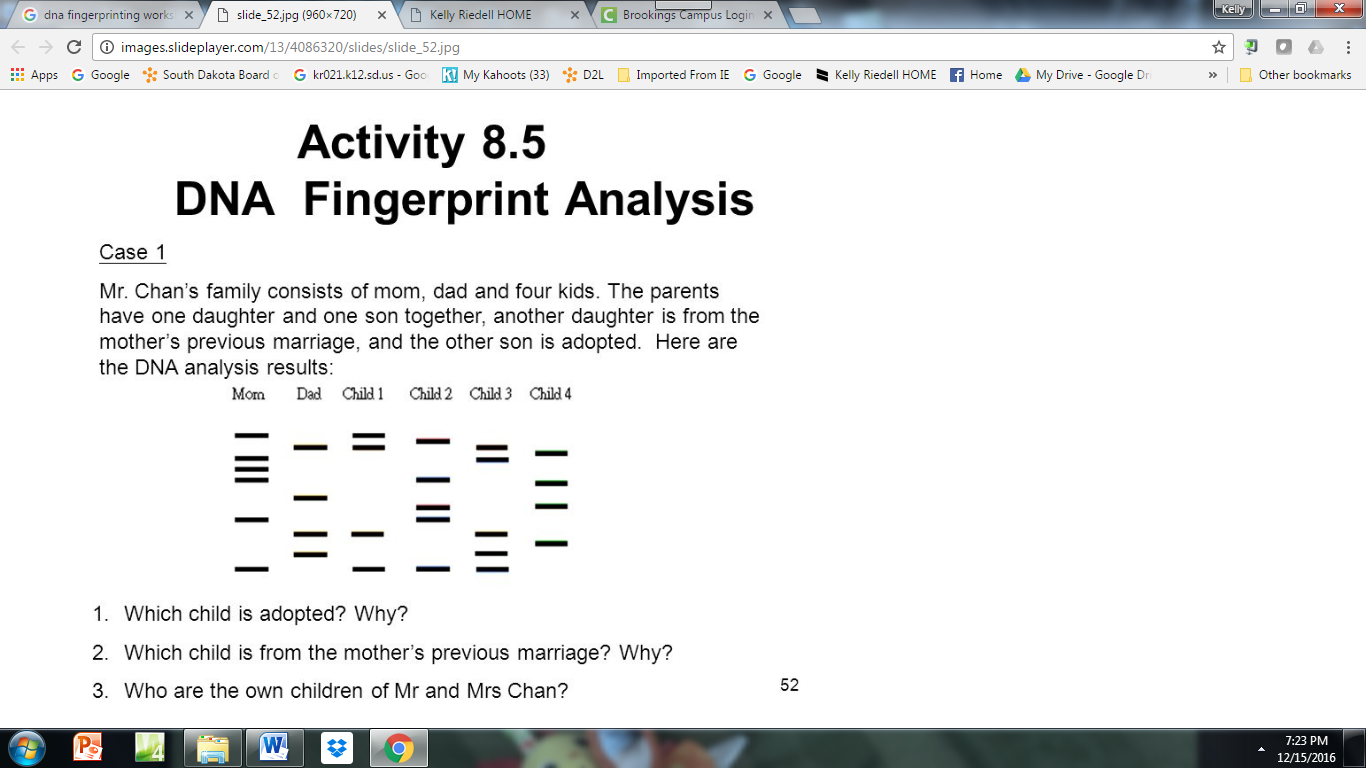




Mr. and Mrs. .Jones just gave birth to fraternal twins-Bob and Jane. Unfortunately, the nurse has confused the Jones twins with   
four other babies. The doctors took samples of DNA from each of the babies and Mr. and Mrs. Jones. Which of the 6 children are Mr. and Mrs. Jones’ twins?

\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_

Mr. Smith’s family consists of mom, dad and four kids. The parents have one daughter and one son together, another daughter is from the mother’s previous marriage, and the other son is adopted. Here are the DNA analysis results:



Which child is adopted? \_\_\_\_\_\_\_\_\_\_

Which child is from the mother’s previous marriage? \_\_\_\_\_\_\_\_\_\_\_\_  
  
Who are the biological children of Mr. and Mrs. Smith? \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_

Modified from:   
http://www.mlbgsd.k12.pa.us/cms/lib/PA09000085/Centricity/Domain/83/dna.fingerprinting.worksheet-1.pdf  
https://dryuc24b85zbr.cloudfront.net/tes/resources/7126115/image?width=500&height=500&version=1439946003760  
http://images.slideplayer.com/13/4086320/slides/slide\_52.jpg