



Fingerprint Analysis

Name _____

Step 1: Classify your fingerprints and record the number of each pattern below. Your total should equal 10!

Arches = _____ Loops = _____ Whorls = _____

Step 2: Complete the chart below by recording the total number of each pattern for the class. The expected averages are 60% for loops, 35% for whorls, and 5% for arches.

Pattern	#	Total Prints	%
Arches			
Loops			
Whorls			

How do our prints compare to the expected averages?

Step 3: Complete the chart below by recording the total number of each pattern for the males and females in the class.

Pattern	# Males	# Females	Total Prints	%
Arches				
Loops				
Whorls				

Which pattern is most common pattern among the males in this class?

Which is most common pattern among the females?

How do the averages for each sex compare to the expected averages?