

Measurement Laboratory Exercises

1. Chose a random sample of 10 pecans from populations A and C and for each pecan record its mass. This data will be used again during the graphing laboratory so please keep it safe.

Pecan #	Mass (g)	
	Population A	Population C
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
Average		

2. Place a few drops of colored solution into the bottom of a small test tube. Place a strip of chromatography paper into the tube so that the paper rests on the bottom of the tube. Measure the distance the solution travels up the paper over the next 2 minutes using a ruler.

Time (seconds)	Distance (mm)
0	
15	
30	
45	
60	
75	
90	
105	
120	

3. Chose a random sample of 10 pecans from populations A, B and C and record their length and width for each pecan using vernier calipers.

Population	#	Length (mm)	Width (mm)
A	1		
	2		
	3		
	4		
	5		
	6		
	7		
	8		
	9		
	10		
B	11		
	12		
	13		
	14		
	15		
	16		
	17		
	18		
	19		
	20		
C	21		
	22		
	23		
	24		
	25		
	26		
	27		
	28		
	29		
	30		