

## Shielding Lab Worksheet

Table 1: Background Radiation

Count Interval (s)	Counts
0-40	
50-90	
100-140	
Average	

Count Interval (s)	Counts
0-100	
110-210	
220-320	
Average	

Table 2: Shield Data

Isotope	Shield Type	Counts	Net Counts	Emitter Type
Cs-137	None			
	#2 Polyethylene			
	#3 Plastic			
	#5 Aluminum			
	#8 Lead			
Sr-90	None			
	#2 Polyethylene			
	#3 Plastic			
	#5 Aluminum			
	#8 Lead			
Pu-239	None			
	#2 Polyethylene			
	#3 Plastic			
	#5 Aluminum			
	#8 Lead			