

Find the counts per minute at each of the distances d shown in the data table below. You may have to count for several minutes to get statistically useful data at the larger distances. If so, make sure all data points are normalized to the same amount of time.

Counting time _____

Background _____

distance (cm)	counts	counts minus background	distance squared
2			
4			
6			
8			
10			
12			
14			
16			

Calculate the square of each of the distances and record in the table above.