

World Wide Data Day

Data Tally Sheet

Operator(s): _____ Experiment: __ATLAS __CMS

Materials needed: internet-connected computer, protractor (or protractor plug-in or app)

Tallies for angles ϕ_1 and ϕ_2 (measure and place tick mark for each near the closest angle):

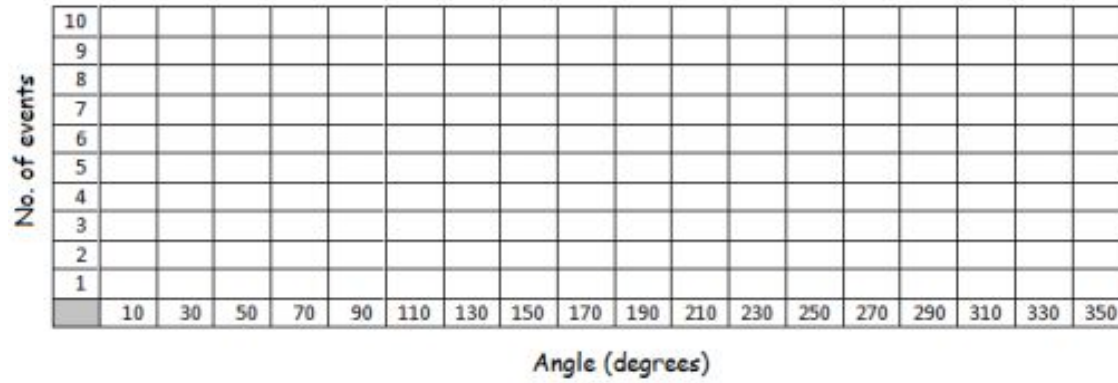
Angle (degrees)	Tick marks		Angle (degrees)	Tick marks
10			190	
30			210	
50			230	
70			250	
90			270	
110			290	
130			310	
150			330	
170			350	

Tallies for opening angle $\Delta\Phi$ (calculate and place tick mark near the closest angle):

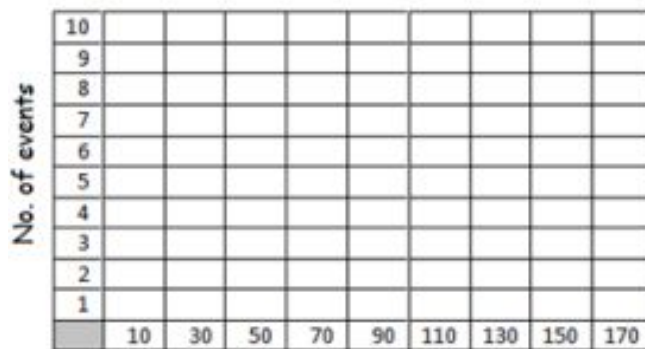
Angle (degrees)	Tick marks
10	
30	
50	
70	
90	
110	
130	
150	
170	

Make histograms from your own data!

PHI (ϕ_1 and ϕ_2):



Delta-PHI ($\Delta\Phi$):



Angles measured:

