Extension
6.5 – Frequency Tables and Histograms

Jared's teachers always say that his head is in the clouds. One day, Jared polled everyone he met concerning the planet they would like to visit (Earth not included). He wrote his data down on the paper below. (as you see – some of the population needs help with the term "planet")

Jupiter	Venus	Uranus	Mercury	Venus	Neptune
Sun	Sun	Neptune	Pluto	Mercury	Uranus
Pluto	Mercury	Jupiter	Saturn	Pluto	Saturn
Venus	Mars	Sun	Jupiter	Mercury	Pluto
Uranus	Saturn	Sun	Mercury	Uranus	Sun
Mercury	Sun	Uranus	Uranus	Pluto	Mercury
Sun	Mars	Saturn	Venus	Mercury	Pluto

Complete the table below using the data from Jared's list. Then find the difference by subtracting the frequency from the cumulative frequency.

Chosen "Planet"	Frequency	Cumulative Frequency	Difference
Mercury			
Venus			
Mars			
Jupiter			
Saturn			
Uranus			
Neptune			
Pluto			
Sun			

To solve the riddle, find the letter that corresponds to each difference. Rearrange the letters to solve the riddle. ** The letter for Neptune is used twice. **

0	18	27	32	35	29	19	17	16	23	21	30	8	7	13	12	28	22	11	15	14	18
U	D	E	K	R	P	B	N	W	G	I	Z	T	M	F	A	S	C	J	Y	H	O

The skydiver had fries and a milk shake. Why was he nervous?

Because he was ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___!