Name:	Class:	Date:
		Butc

9. This is the data table based on the Mythbusters' results. Calculate the amount of water absorbed in each trial, and the water absorbed per second for each trial. You may use a calculator.

Trial	Wind	Time (s)	Initial Mass of Suit (g)	Final Mass of Suit (g)	Water Absorbed (g) Final-Initial	Water Absorbed Per Second (g/s)
Adam walk	No	18.28	757	785	785-757 = 28g	28/18.28= 1.53 g/s
Jamie walk	No	17.84	757	790		
Adam run	No	7.06	757	799		
Jamie run	No	6.59	757	793		
Adam walk	Yes	17.40	757	789		
Jamie walk	Yes	17.56	757	788		
Adam run	Yes	6.98	757	801		
Jamie run	Yes	6.51	757	790		

10. Calculate the average amount of water absorbed in the running and v	walking trials by adding up
each trial and dividing by the number of trials:	5

Avg. Water Absorbed (Running) =

Avg. Water Absorbed (Walking) =

11.	What conclusion did the Mythbusters make as a result of this experiment? Did their conclusion agree or disagree with that of the two meteorologists? Which do you think is a more accurate conclusion? Explain your choice. How could you make the experiment better?					