

Name _____ Period _____

Freshmen Transition

Assignment 3Q – Average Atomic Mass

20 Points

Answer the following questions based on the in class notes

Define Average Atomic Mass	Define Percent Abundance
How is atomic mass and average atomic mass related to each other?	How does percent abundance show us the stability of isotopes?

Calculate the average mass for the following situations

A local ice cream shop sells the following sizes of ice cream sundaes:

Size	Small	Medium	Large	XL
Cost	3.00	4.50	6.00	7.50
% Sold	32%	18%	21%	29%

Calculate the average selling price for a sundae at the ice cream shop

Size	Cost	% Sold	Average
Small			
Medium			
Large			
XL			
Average Cost			

A pizza shop sells the following sizes of pizzas in their restaurant

Size	Small	Medium	Large	XL
Cost	10.00	12.00	15.00	19.00
% Sold	5%	60%	27%	8%

Calculate the cost of a pizza at the restaurant

Size	Cost	% Sold	Average
Small			
Medium			
Large			
XL			
Average Cost			