College Prep Chemistry of the Earth System

Assignment 3E – Average Atomic Mass (Part 1)   20 Points

Solve the following atomic mass questions, showing work (as shown in class).

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

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

Using the data in the chart above, find the average price for a sundae from the shop.

2. A pizza shop sells the following sizes of pizzas

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

Using the data in the chart above, find the average price for a pizza from the shop.