

Continuous or Discrete?

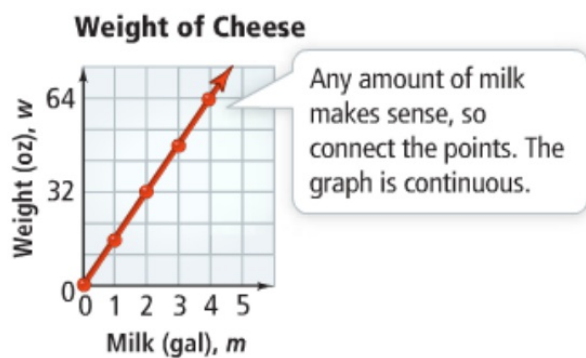
Farmer's Market A local cheese maker is making cheddar cheese to sell at a farmer's market. The amount of milk used to make the cheese and the price at which he sells the cheese are shown. Write a function for each situation. Graph each function. Is the graph *continuous* or *discrete*?



The weight w of cheese, in ounces, depends on the number of gallons m of milk used. So $w = 16m$. Make a table of values.

m	0	1	2	3	4
w	0	16	32	48	64

Graph each ordered pair (m, w) .



The amount a of money made from selling cheese depends on the number n of wheels sold. So $a = 9n$. Make a table of values.

n	0	1	2	3	4
a	0	9	18	27	36

Graph each ordered pair (n, a)

