Ex 4 Graphing Discrete Data

The linear function $y=1.95x$ (rule) represents the

cost y (dollars) of x tickets for a museum

a) Find the domain. X = # tickets

$$\{0,1,2,3,...\}$$ whole #

b) Why is this discrete data?

domain values are only whole #

c) Graph the function using the domain

x	y = 1.95·x	Y	(x,y)
0	1.95(0)	0	
1	1.95(1)	1.95	
2	1.95(2)	3.90	
3	1.95(3)	5.85	
4	1.95(4)	7.70	

$$1.95 \times 3 = 5.85$$

$$1.95 \times 4 = 7.70$$

Movie Tickets

cost (¢)   # tickets