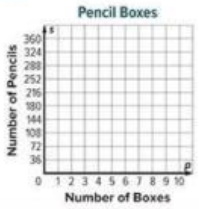
Name:	Class:	Date:

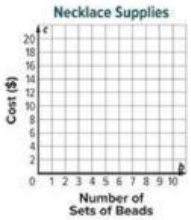
Lesson 7.3 Graphs of Relationships

1. The equation $p = 144b$ represents the number of pencils p in b boxes. Graph the relationship on the coordinate plane. (Example 1)



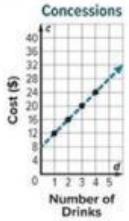
Input (b) No. of Boxes	Rule P = 144b	Output (p) No. of Pencils
0		
3		
5		
7		

2. The equation $c = 2b + 6$ represents the total cost c of b sets of beads and one necklace string. Graph the relationship on the coordinate plane. (Example 1)



Input (b) No. of Beads	Rule C = 2b + 6	Output (c) Cost
0		
1		
3		
6		

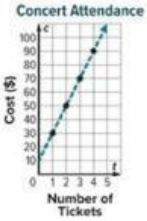
3. The graph shows the total cost c of buying one large bucket of popcorn and d large drinks. Write an equation from the graph that could be used to find the total cost c if you buy one large bucket of popcorn and d large drinks. (Example 2)



C=

Input (d) No. of drinks	Output (C) Cost
0	
1	
2	
3	
4	

4. Open Response The graph shows the total cost c of buying one parking pass and t tickets to a concert. Write an equation from the graph that could be used to find the total cost c if you buy one parking pass and t tickets to a concert. (Example 2)



C=

Input (t) No. of tickets	Output (C) Cost
0	
1	
2	
3	
4	

LIVEWORKSHEETS