

F-IF The Parking Lot

Task

A parking lot charges \$0.50 for each half hour or fraction thereof, up to a daily maximum of \$10.00. Let C(t) be the cost in dollars of parking for t minutes.

a. Complete the table below.

t (minutes)	C(t) (dollars)
0	
15	
20	
35	
75	
125	

- b. Sketch a graph of C for $0 \le t \le 480$.
- c. Is C a function of t? Explain your reasoning.
- d. Is *t* a function of *C*? Explain your reasoning.





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