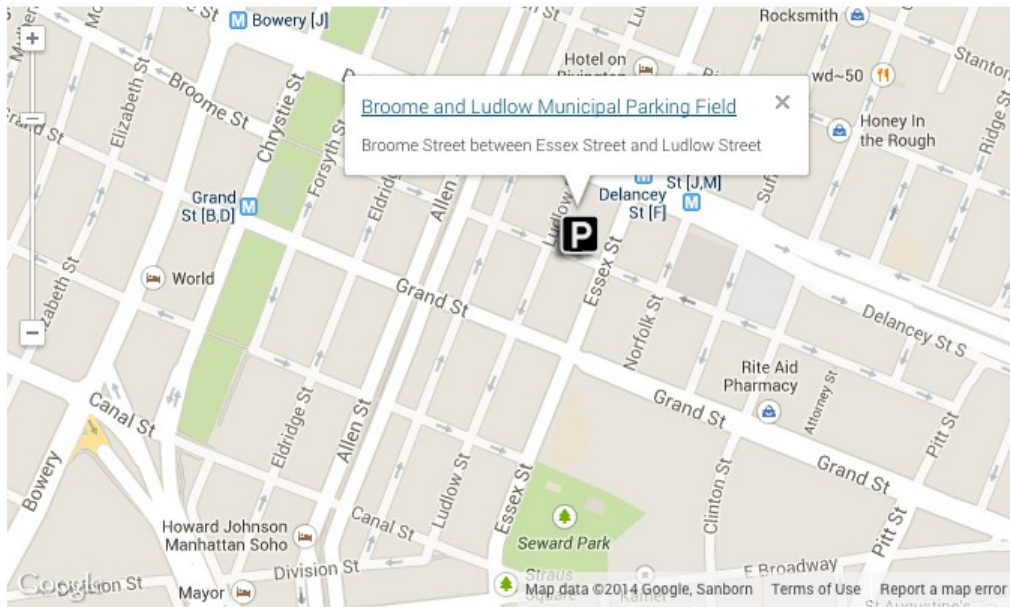


Municipal Parking Facilities



<http://www.nyc.gov/html/dot/html/motorist/parkinglist.shtml#broome>

Broome and Ludlow Municipal Parking Field

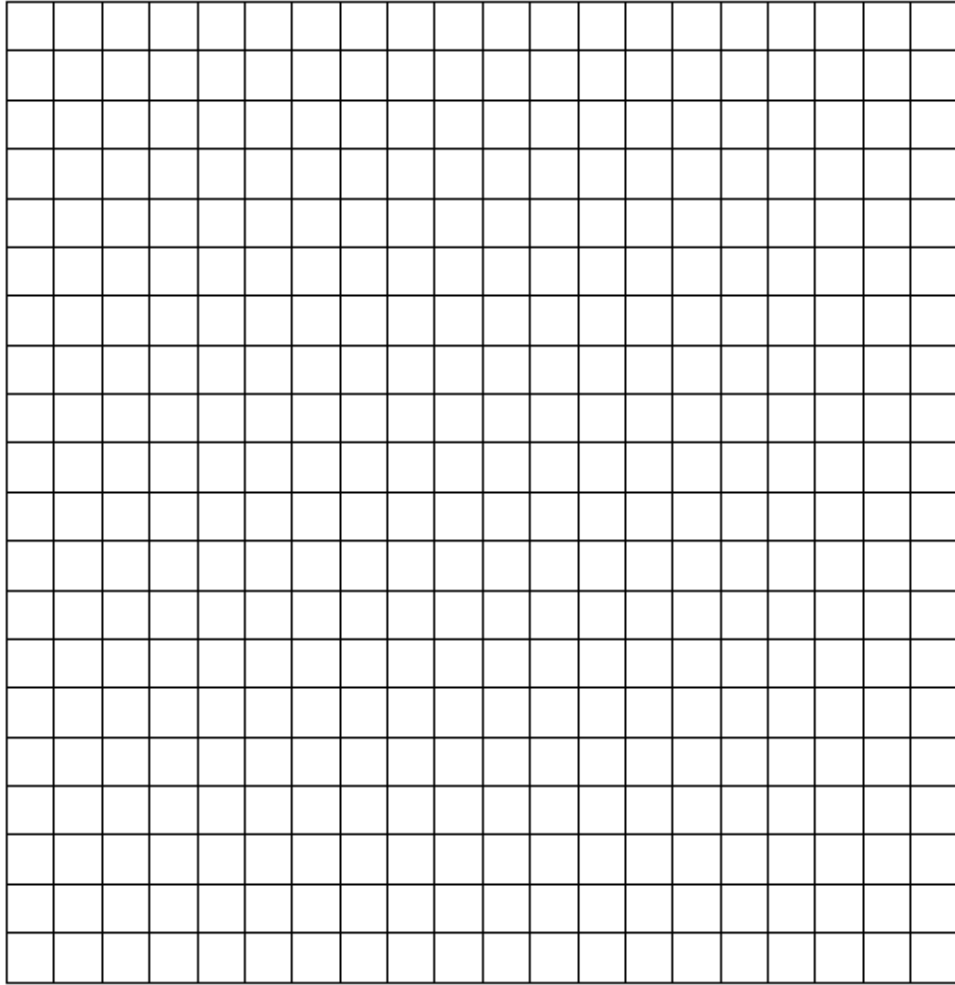
Broome Street between Ludlow and Essex Streets 65 spaces, including three for people with disabilities Monday to Saturday, 8 am to 10 pm pay and display facility Accepts quarters, dollar coins, NYC Parking Cards and credit cards.

Rates

- 50¢ per 15 minutes, 4 hour limit (47 spaces, including three for people with disabilities)
- 50¢ per 15 minutes, \$16 max, 14 hour limit (18 spaces)

1. How often does the price increase?
2. How much would it cost to park for 30 minutes?
3. How much would it cost to park for 25 minutes? Explain.
4. How often does the price increase?

5. Model the parking rates for this municipal parking lot on the graph below.



6. Is a linear equation an optimal model for this situation? Explain. _____

7. How much would it cost to park from 8am-Noon on a Sunday morning? Explain.

8. How much would it cost to park overnight from 6pm on Thursday night until 10am Friday morning? Explain. _____
