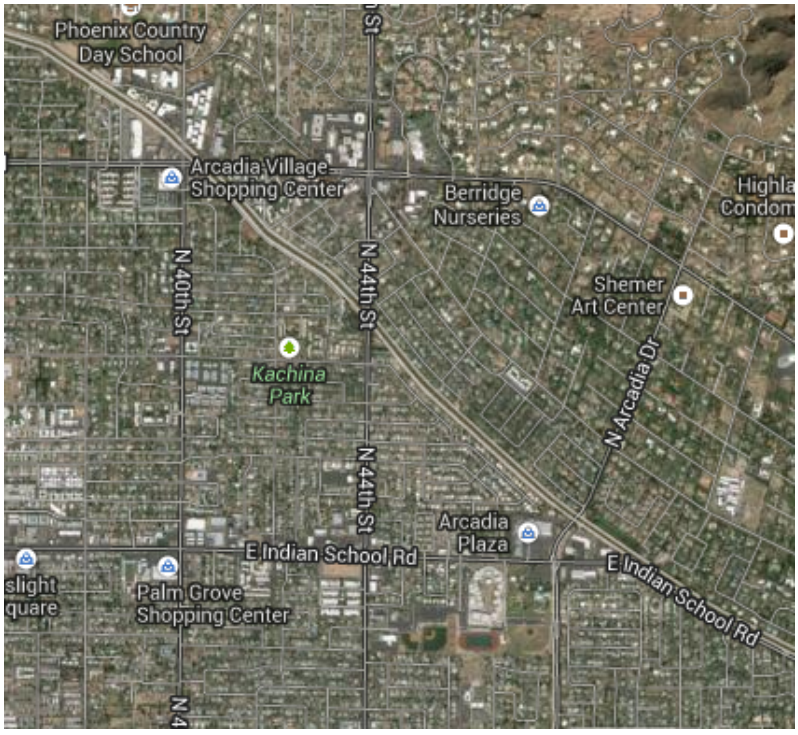
You will be looking for homes for a family who would like to live in this area. The homes north of the canal are too expensive for their budget. Write an inequality for the homes they can afford.



What would help us in writing a linear inequality?

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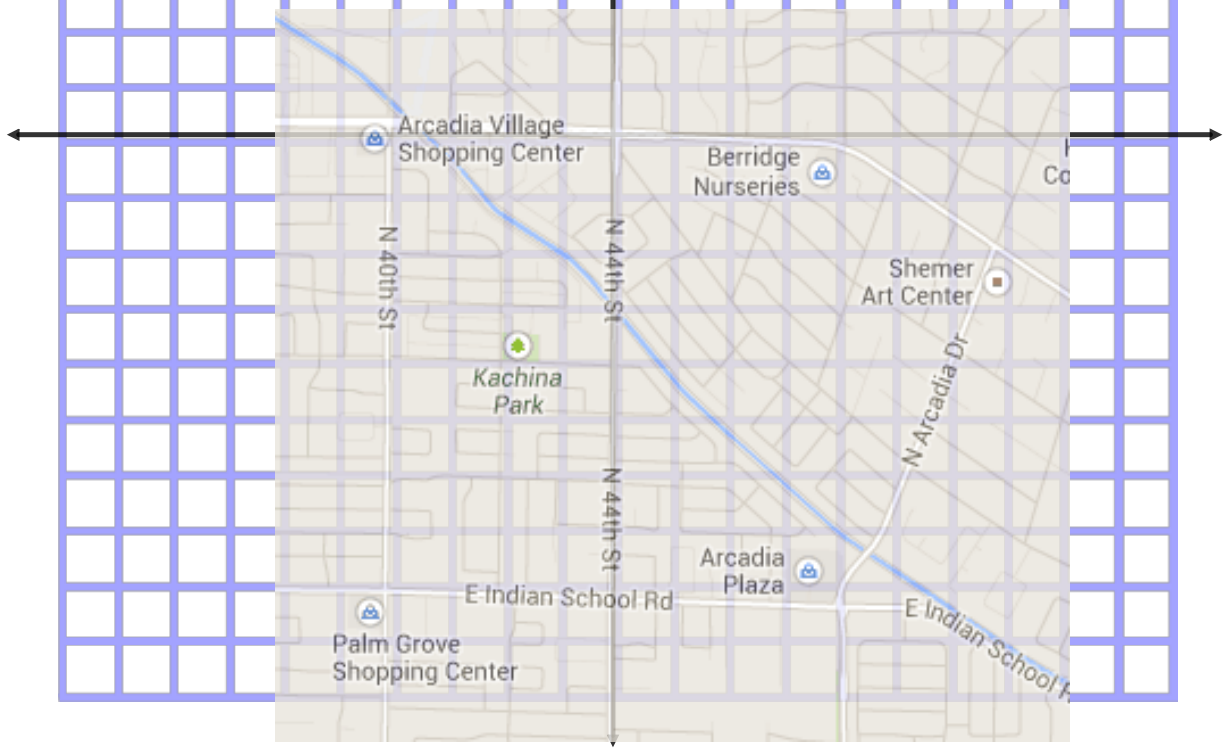
Graph your inequality.



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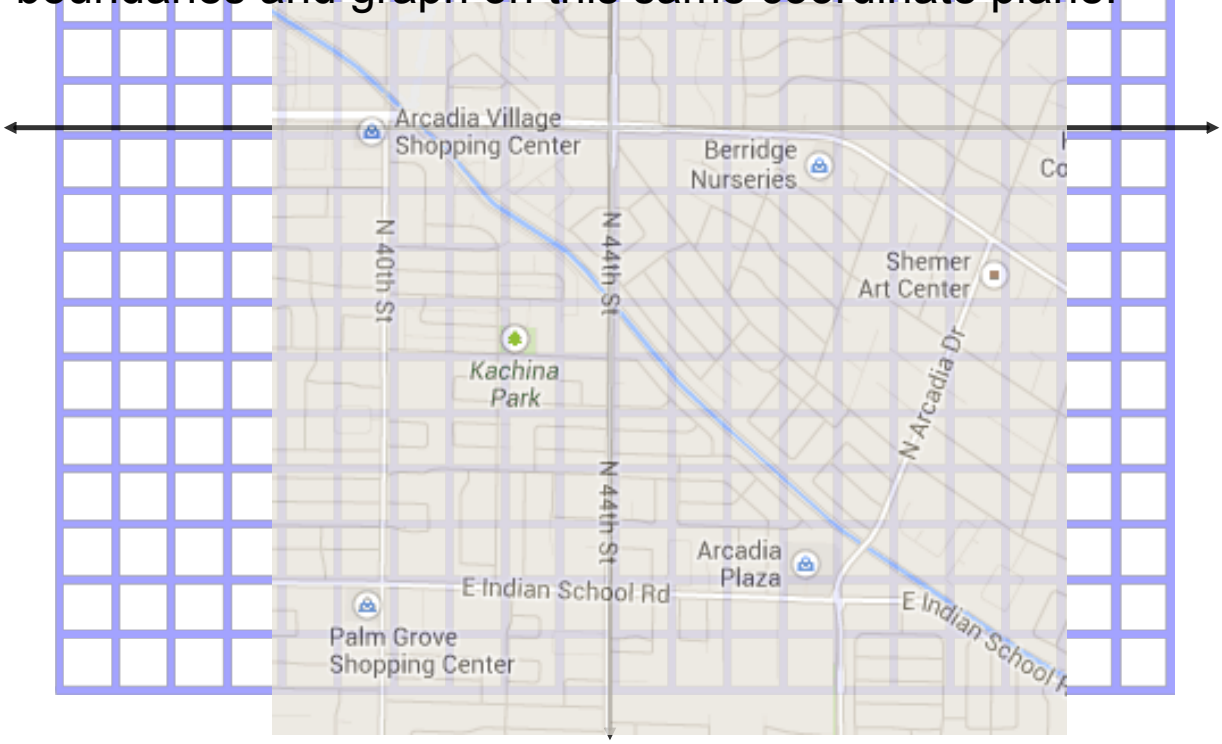
The enrollment boundary for the school the family wants their children to attend is east of 40th Street and north of Indian School Rd. Write and graph the inequalities for these boundaries and graph on this same coordinate plane.



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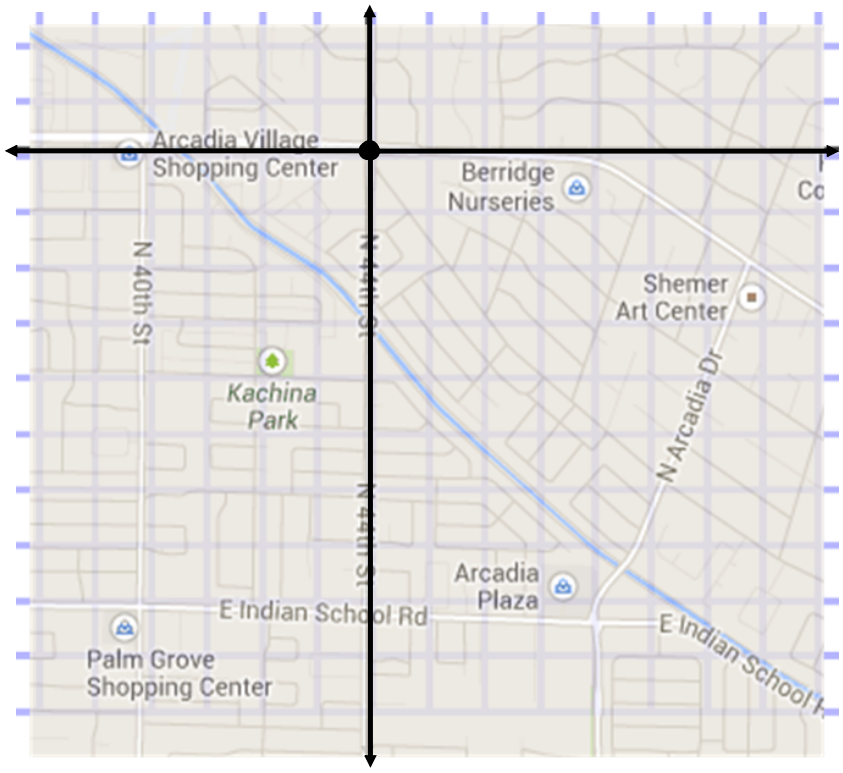
Plot the following locations on the map.

(-6, -3), (-2, 2), (3, -5), (0, -10), (-1.5, -2),

(-2, -1), (-4, -8), (1, -11), (0.5, -7), (-3, -5)



Identify which locations the family should consider as possible homes.

Dec 8-8:37 PM

In your groups:

Use a poster, yardstick, and markers to create a graph of your system of inequalities including the locations you plotted. You will present to the class which locations the family should consider as possible homes. Be ready to justify your findings.

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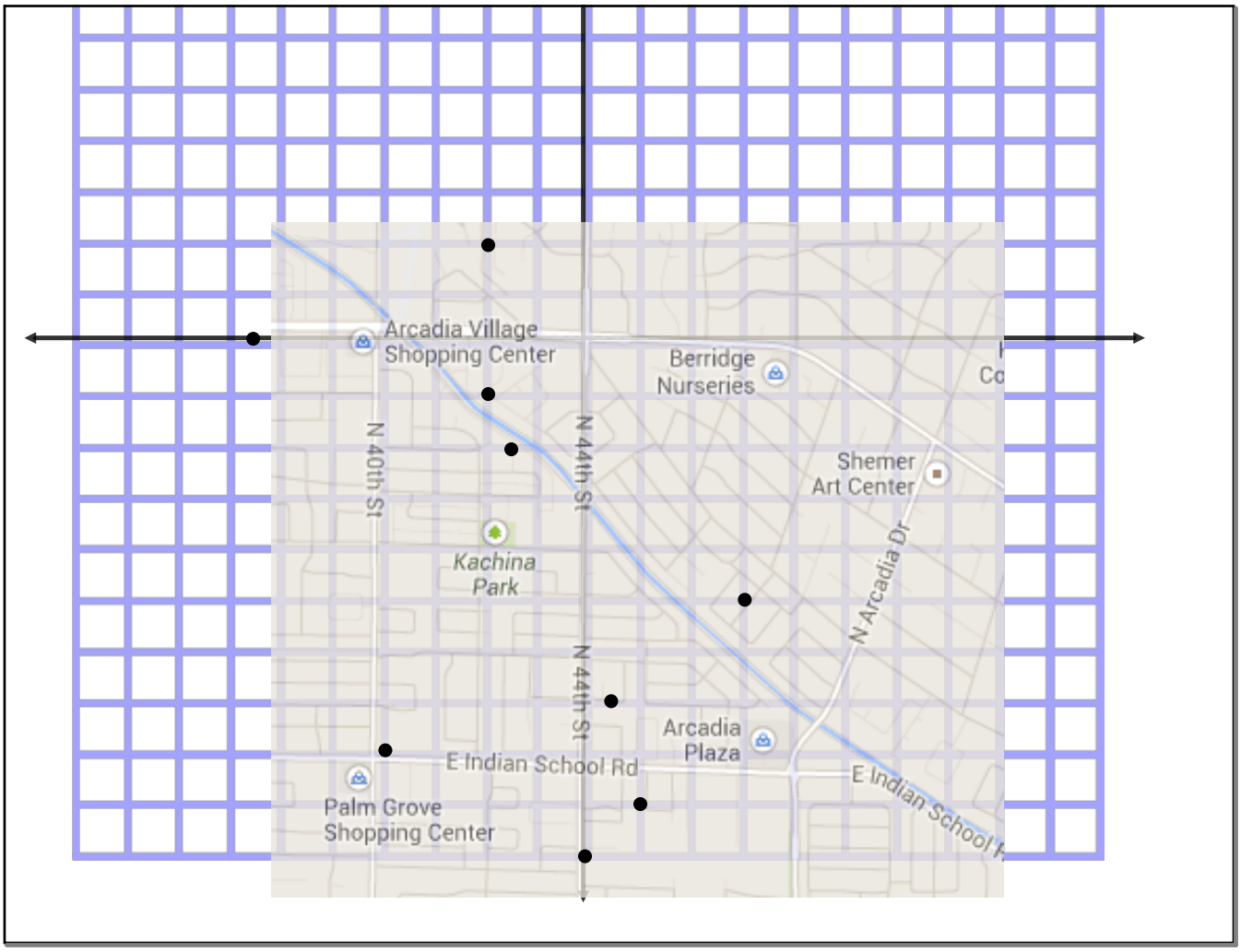
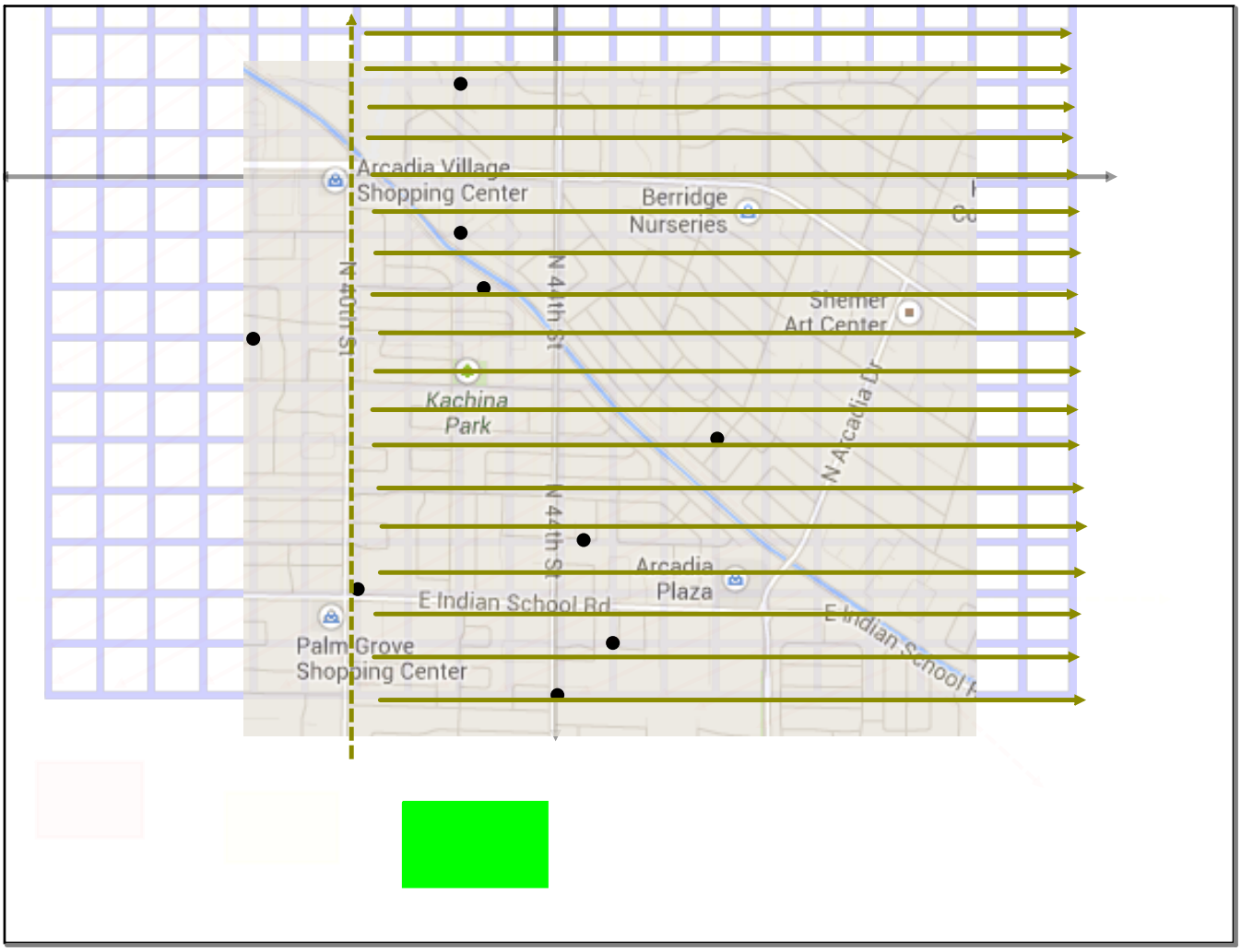

Arcadia Village
Shopping Center
Berridge
Nurseries
N 40th St
N 44th St
Shemer
Art Center
Kachina
Park
N Arcadia Dr
N 44th St
Arcadia
Plaza
E Indian School Rd
E Indian School
Palm Grove
Shopping Center

Dec 3-7:38 AM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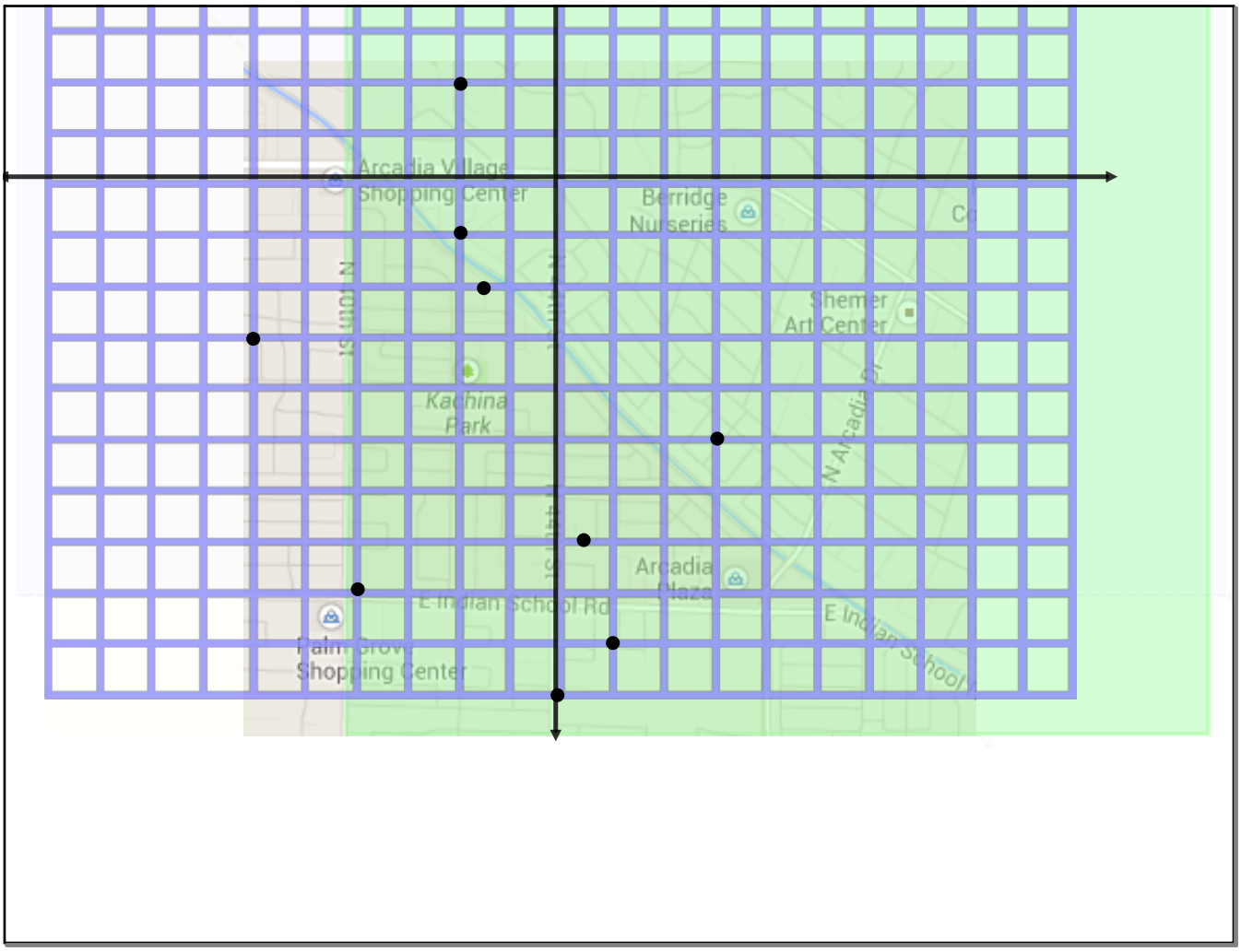
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Dec 3-7:38 AM