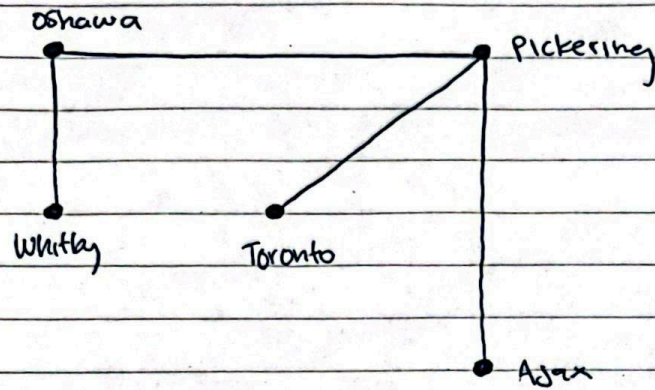
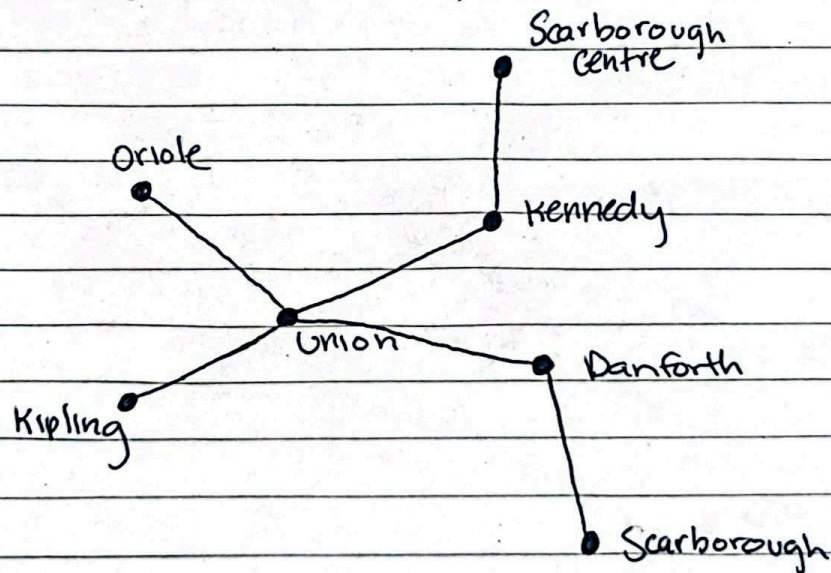


Transportation Map

DATE: / /



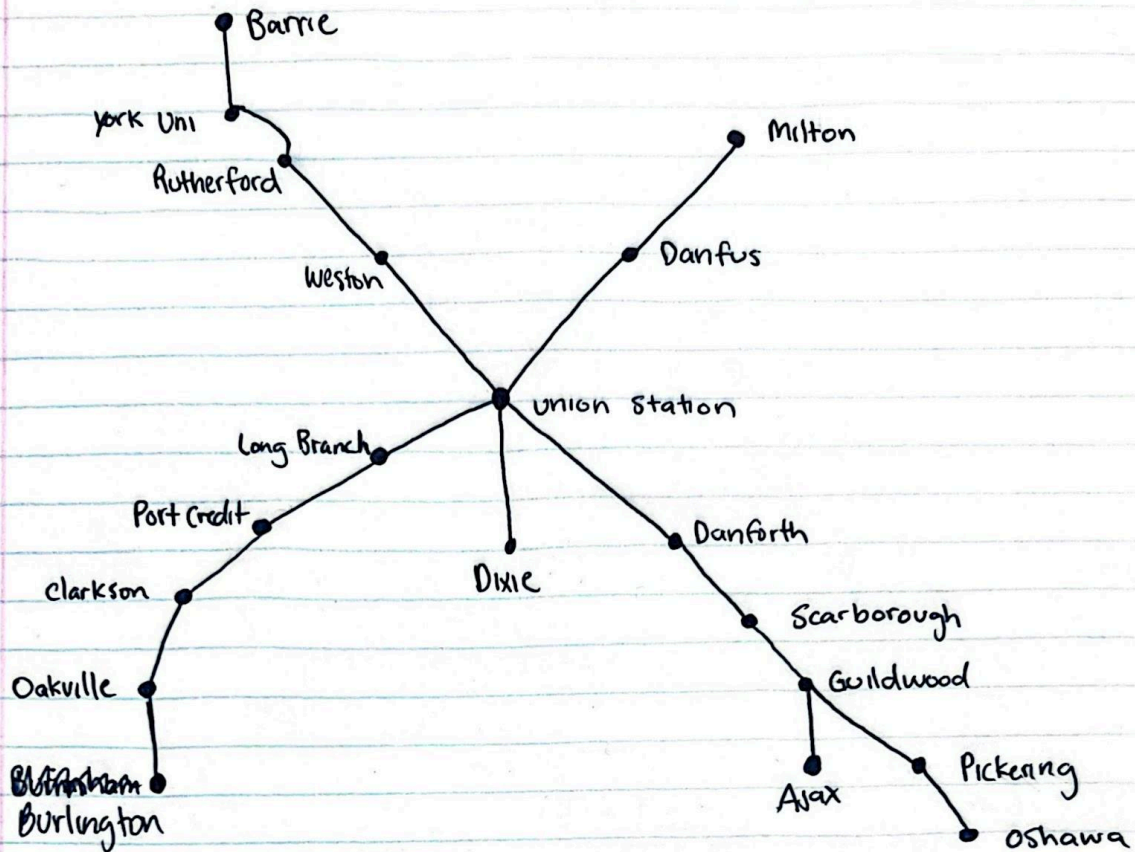
Go-train Transportation Map



• Union is a Central Connector

Scanned with CamScanner

Ontario's GO Train Network



Each Vertex represents a train station and each edge represents a direct rail connection between stations.

Theorem 2:

- Union - 5 Dixie - 1
- Danfuss - 2 Danforth - 2
- Milton - 1 Scarborough - 2
- Weston - 2 Guildwood - 3
- Rutherford - 2 Ajax - 1
- York University - 2 Pickering - 2
- Barrie - 1 Oshawa - 1
- Long branch - 2
- Port Credit - 2
- Clarkson - 2
- Oakville - 2
- Burlington - 1

There are 8 vertices with odd degrees :-

- Union - Dixie
- Milton - Guildwood
- Barrie - Ajax
- Burlington - Oshawa

∴ Even number of odd-degree vertices