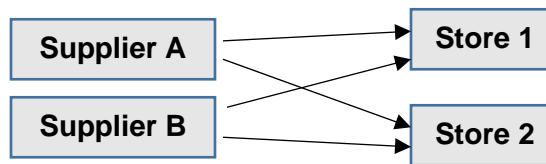


Tool Depot is a U.S. home improvement retailer with **two stores**. They currently have **two suppliers** for the **three products** that they **sell**: wrenches, drills, and saws. **Suppliers ship product directly to the stores.**

Product	Supplier
Wrench	Supplier A
Saw	Supplier A
Drill	Supplier B



Assume today is 7/30/2015. Beginning 8/3/2015, Tool Depot **would like to start selling hammers**. Both Supplier A and Supplier B make hammers and have submitted bids to supply hammers to Tool Depot. The hammers from both suppliers will be identical. The costs provided are for the product only and Tool Depot must pay for shipping costs from the supplier to their stores. **Both suppliers would ship the hammers with their existing items.**

Supplier	Hammer Cost
Supplier A	\$0.80
Supplier B	\$0.82

For shipping, Tool Depot has two choices in carriers from each supplier. They use the cheapest carrier for a given origin-destination pair each week.

- Carrier X charges a flat rate per shipment for each origin-destination pair.
- Carrier Y charges a variable rate per pound for each origin-destination pair.
- Both carriers can fit up to **44,000** pounds per shipment.

Tool Depot expects **that hammer orders will be the same as wrench orders**. Tool Depot also expects that orders for all of its products **will grow 10% year over year**.

Tool Depot must decide which supplier to choose for supplying its hammers for the next year. They **would like to use the same supplier for both their stores**. Which supplier should they choose? Please fill out the relevant costs in the “Summary” tab of the Excel file provided, and be prepared to discuss the problem in the debrief session at the end of this exercise.