

Your Supply Chain Challenge

A network of businesses involved in making and delivering a product to its customers is called “the supply chain”.

Working in a team you are invited to study the information in two tables below about the **supply chain of a mystery product** that is manufactured in Bataan in the Philippines, stage 12 of the supply chain of the mystery product.

Bataan is situated at the northern end of the Philippines and should be indicated on your team’s map by **a dot and the number, 12.**

Your team should:

- a) Mark on your blank team map (by a dot and their number) the part of the world where the first 11 items in Table 1 (below) **start** their journey.
- b) Draw an arrow showing the **direction** the 11 items must travel
- c) Insert in the table on the map the mileage each item must travel, choosing from the 13 mileages in Table 2 (below).
- d) Once production is complete, the mystery product is packaged. Show by another dot and number 13 where the packaging comes from and its route to Bataan.
Insert the mileage for this part of the supply chain.
- e) Finally figure out (marking your last dot and the number 14) **what** the mystery product is and **where** the customer receives their delivery.
Complete the mileage and add up the total supply chain mileage.

TABLE 1

01. Clay from South Carolina in the USA to Bataan in the Philippines	02. Wool from New Zealand to Stroud in the UK	03. Woven felt from the UK to Bataan in the Philippines	04. WBS petroleum naphthalene from Zibo in China to Bataan in the Philippines	05. Sulphur from South Korea to Bataan in the Philippines
06. Magnesium carbonate from Japan to Bataan in the Philippines	07. Silica from Greece to Bataan in the Philippines	08. Zinc Oxide from Thailand to Bataan in the Philippines	09. Glue from Basilan in the Philippines to Bataan in the Philippines	10. Rubber from Malaysia to Bataan in the Philippines
11. Rubber from Basilan in the Philippines to Bataan, also in the Philippines	12. Production takes place in Bataan in the Philippines	13. Tins (for packaging) from Indonesia to Bataan in the Philippines	14. Delivery of finished product of what and to where?	

TABLE 2

560 miles	560 miles	1,335 miles	1,505 miles	1,630 miles
1,710 miles	1,850 miles	2,085 miles	5,960 miles	6,660 miles
6,720 miles	8,710 miles	11,815 miles		

Notes:

1. You **earn points** according to the accuracy of your answers:-
 - a) 5 points for identifying each of 13 locations (excl.no.12) on the map.
 - b) 5 points for every mileage identified correctly.
 - c) 20 points for correct total mileage of global supply chain.
 - d) 20 points for correctly identifying the mystery product.
 - e) 20 points for naming the customer.
 - f) There is a 10 point bonus for the team that comes up with the **biggest** number of different career opportunities in the network of supply chain businesses that collectively deliver this mystery product to the customer.

2. If you so wish, your team may “purchase” unseen clues in the form of ‘**Clue Cards**’, buying clues costing either 5 points or 10 points. You may choose to purchase all 5 clues but, the more clues you buy, then the more points will be deducted from the maximum 200 points your team can possibly score.