Each day, SUNCO manufactures four types of gasoline:
- lead-free premium (LFP)
- lead-free regular (LFR)
- leaded premium (LP)
- leaded regular (LR)

Consider a tour of the nodes in the network:

For example, if the order of the production is as shown:

\[
\begin{align*}
&LFR \rightarrow 50 \rightarrow LFP \\
&90 \rightarrow 110 \rightarrow LR \\
&LR \rightarrow 80 \rightarrow LP
\end{align*}
\]

then the total production time will be
\[
50 + 110 + 80 + 90 = 330 \text{ minutes}
\]

The best order will be that of the shortest "salesman's tour"