## Problem of the Week Problem D

## Let's Make A Deal

An automobile dealer purchased two cars. She then sold the cars, the first at a profit of $40 \%$ and the second at a profit of $60 \%$. Her total profit on the sale of the two cars was $54 \%$. She received a total of $\$ 88704$ from the sale of the two cars.

What did the dealer originally pay for each of the two cars?


