

Problem Statement:

Get a loan from the bank

Possible Alternates:

1. To sell the old pattern cutting machine worth \$50,000 and sell the waste wood chips and shavings worth \$1,500 and take loan from bank for the remaining amount to buy the modern pattern cutting machine.

Cost: $\$50000 + \$1500 - \$125000 = \73500

2. To renovate the old pattern cutting machine in \$25,000 and sell it in \$80,000 and take loan from bank for the remaining amount to buy the modern pattern cutting machine.

Cost: $-\$25000 + \$80000 - 125000 = 70000$

Based on these calculations I would choose Option 2.