

Uma indústria deseja maximizar seus lucros reduzindo a perda de madeira em cédipito

Diagram illustrating the process of maximizing profit by reducing wood loss (cédipito) in a sawmill. The diagram shows a stack of wood (represented by three horizontal lines) being cut into three pieces of different lengths (30, 50, and 100 cm). The total length of the wood is 100 cm. The profit for each piece is calculated as follows:

Length (cm)	Profit (R\$)
30	25
50	35
100	45

The total profit is calculated as follows:

$$US \quad 30 + 30 + 30 = 75$$

Profit for 30 cm pieces: $30 + 30 + 30 = 75$

Profit for 50 cm pieces: $35 + 35 = 70$

Informe o tamanho da tora: 250

Informe preço 30 cm: 22

Informe preço 50 cm: 40

Informe preço 100 cm: 53

Para maximizar lucro
Cortar tora em pedaços
de 50 cm.