

Project cost worksheet

List your attempt, order, fee, and margin assumptions before setting a price.

Enter your assumptions

Use these fields to plan your inputs. The online calculator and example XLSX perform the calculations. Website entries are temporary and are not transferred into downloads; the PDF has blank fields and the XLSX starts with an example.

Saleable quantity	Materials per attempt (\$)
Labor minutes per attempt	Hourly labor rate (\$/hour)
Device watts	Active minutes
Electricity price (\$/kWh)	Waste or failed-attempt rate (%)
Packaging per saleable item (\$)	Other cost per item (\$)
Setup labor per order (\$)	Other order costs (\$)
Seller-paid shipping (\$)	Transaction percentage fee (%)
Fixed order fee (\$)	Target margin (%)
Optional selling price (\$)	

Calculate

Yield = $1 - \text{waste rate}$. Attempt energy = $\text{watts} / 1,000 \times \text{active hours} \times \text{electricity price}$. Attempt labor = $\text{minutes} / 60 \times \text{hourly rate}$.

Saleable item cost = $(\text{attempt materials} + \text{attempt labor} + \text{attempt energy}) / \text{yield} + \text{packaging} + \text{other item costs}$.

Order cost = $\text{quantity} \times \text{saleable item cost} + \text{setup labor} + \text{other order costs} + \text{seller-paid shipping}$.

Required unit price = $(\text{order cost} + \text{fixed order fee}) / [\text{quantity} \times (1 - \text{percentage fee} - \text{target margin})]$. The denominator must be positive. This model applies the fee and margin to merchandise revenue; separately charged shipping and pass-through tax are outside its scope.

Worked example

This example is arithmetic, not a suggested selling price. Ten items at \$5 saleable-item cost and \$10 order setup cost give \$60 order cost. A \$0.30 fixed fee, 3% percentage fee, and 30% margin give $(\$60 + \$0.30) / [10 \times (1 - 0.03 - 0.30)] = \9.00 per item.

[Open the pricing calculator example](#)