

Project cost worksheet

Enter your own assumptions. This sheet follows the same defined model as the site's pricing calculator; it does not supply market rates or predict demand.

Attempt and order inputs

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 and other order cost (\$)	_____
Seller-paid shipping (\$)	_____
Transaction fee (%) / fixed fee (\$)	_____
Target margin (%)	_____

Calculate without rounding intermediate values

Yield = $1 - \text{waste rate}$. Energy per attempt = $\text{watts} / 1,000 \times \text{active hours} \times \text{electricity price}$. Labor per attempt = $\text{minutes} / 60 \times \text{hourly rate}$.

Saleable item cost = $(\text{attempt materials} + \text{labor} + \text{energy}) / \text{yield} + \text{packaging} + \text{other item costs}$. Order cost = $\text{quantity} \times \text{saleable item cost} + \text{setup labor} + \text{other order costs} + \text{seller-paid shipping}$.

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

Worked example, not a suggested selling price

Ten saleable items at \$5 each plus \$10 order setup cost gives \$60 order cost. With a \$0.30 fixed fee, 3% percentage fee, and 30% margin, the required unit price is $(\$60 + \$0.30) / [10 \times (1 - 0.03 - 0.30)] = \9.00 .

Check the current calculator for editable inputs, full breakdown, and boundary validation. Preserve your own assumptions and do not treat the example as researched material pricing.