Gold savings goal: how much to put aside each month

I want to reach a set number of grams in a set time. How much should I save each month?

1 Use it in 4 steps

1. Type the grams you already own and the VAT rate on the fee.
2. One line per scenario: the goal in grams, the number of months, the gram price you want to work with, and the fee per gram.
3. The sheet works out the total amount needed and the amount per month.
4. Try several prices on several lines to see the difference. Delete the "Example" rows before you start.

2 The calculation

1. Grams still needed = goal − the grams you own.
2. Amount needed = grams still needed × (gram price + fee × (1 + VAT)).
3. Amount per month = amount needed ÷ months.

You type the price: it is a scenario, not a forecast.

3 Worked example Example

Grams you already own (example): 5.000 · VAT on the fee (example 14%): 14%

Scenario	Goal (g)	Time (months)	Gram price you work with	Grams still needed	Amount needed	Amount per month
Example 50 g in 2 years at today's price	50.000	24	7,032.37	45.000	321,073.65	13,378.07
Example same goal if the price is 7,500	50.000	24	7,500.00	45.000	342,117.00	14,254.88
Example 20 g in 1 year	20.000	12	7,032.37	15.000	107,195.55	8,932.96

4 The table: fill it in by hand

Scenario	Goal (g)	Time (months)	Gram price you work with	Fee per gram	Amount needed	Amount per month

Prices and calculations are for information only. They are not financial advice, an offer to buy or sell, or a religious ruling. Check tax matters with your accountant.

Scan for the sheet's page