Inherited gold: split the value by the shares you type

If the shares are known from the official document, what is each person's share of the gold's value worth?

Before you use it

Important: this sheet is only a calculator. It does not decide who inherits or anyone's share, and it is not a fatwa or legal advice. Type the shares exactly as they appear in the official document (the heirs' certificate or a court ruling) or as set by a competent authority. The actual division of the pieces is made by agreement among the heirs or by a court ruling, and the value at today's buying price is an estimate.

1 Use it in 4 steps

1. Type the weight of gold of each karat (24K, 21K and 18K) and today's buying price per gram.
2. Type each person on a line, with their share as a numerator and denominator exactly as in the official document (for example 1 and 8).
3. The sheet works out the value of each share and its equivalent in grams of 21K, and checks that the shares add up to 1.
4. The sheet does not decide shares and is not a fatwa. Delete the "Example" rows before you start.

2 The calculation

1. Estimated value = weight of each karat × today's buying price per gram (no making charge).
2. Share = numerator ÷ denominator, exactly as written in the official document.
3. Value of a share = share × estimated value; equals 21K = value ÷ price of 1 g of 21K. The sheet does not decide shares.

3 Worked example — Example

24K gold weight, g (example): 10.000 · 21K gold weight, g (example): 120.000 · 18K gold weight, g (example): 30.000 · Buying price, 1 g of 24K (example): 7,009.37 · Buying price, 1 g of 21K (example): 6,160.25 · Buying price, 1 g of 18K (example): 5,259.00

Name	Share: numerator (from the document)	Share: denominator (from the document)	Share	Value of the share (estimate)	Equals 21K (g)
Example heir 1	1	8	0.1250	120,886.71	19.624
Example heir 2	7	24	0.2917	282,069.00	45.789
Example heir 3	7	24	0.2917	282,069.00	45.789
Example heir 4	7	24	0.2917	282,069.00	45.789

Result	Value
Estimated value of all the gold	967,093.70
Sum of the shares	1.0000
Check	The shares add up to 1
Sum of the share values	**967,093.70**

4 The table: fill it in by hand

Name	Share: numerator (from the document)	Share: denominator (from the document)	Share	Value of the share (estimate)	Equals 21K (g)

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.

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