Display stock: pieces and weight by category

How many pieces and grams do I have in each category and karat, and what are they worth?

1 Use it in 4 steps

1. Type today's buying price per gram for each karat.
2. One line per category and karat: the category, the karat, the number of pieces and the total weight.
3. The sheet works out the pure gold, the average weight per piece and the value.
4. The summary at the top adds up each karat separately. Delete the "Example" rows before you start.

2 The calculation

1. Pure gold = weight × karat purity (24K = 0.999, 21K = 0.875, 18K = 0.75).
2. Average weight per piece = total weight ÷ number of pieces.
3. Value = weight × today's buying price per gram of the same karat (without the making charge).

3 Worked example Example

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

Category	Karat	Pieces	Total weight (g)	Pure gold (g)	Average weight per piece (g)	Value at the buying price
Example: rings	21	64	278.500	243.688	4.352	1,715,629.63
Example: chains	21	40	412.000	360.500	10.300	2,538,023.00
Example: bracelets	21	22	596.200	521.675	27.100	3,672,741.05
Example: wedding bands	18	30	162.000	121.500	5.400	851,958.00
Example: bars	24	12	95.000	94.905	7.917	665,890.15
Example: gold pounds	21	10	80.000	70.000	8.000	492,820.00

Result	Value
Total pieces	178
Total weight (g)	1,623.700
Of which 21K (g)	1,366.700
Of which 18K (g)	162.000
Of which 24K (g)	95.000
Total pure gold (g)	1,412.268
Value at the buying price	**9,937,061.83**

4 The table: fill it in by hand

Category	Karat	Pieces	Total weight (g)	Pure gold (g)	Value at the buying price

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