The price moved: how much did my stock gain or lose?

If the 24K gram price rises or falls by a given amount, how much does the value of my gold change?

1 Use it in 4 steps

1. Type today's buying price for one gram of 24K and the move you want to test (a minus sign if it falls).
2. One line per stock item: a description, the karat and the weight.
3. The sheet works out the pure gold, the value before and after, and the difference.
4. Try several moves. Delete the "Example" rows before you start.

2 The calculation

1. Pure gold = weight × karat purity.
2. Value = pure gold ÷ 0.999 × the 24K gram price (before and after the move).
3. Difference = pure gold ÷ 0.999 × the move. At the buying price, without the making charge.

3 Worked example Example

Buying price, 1 g of 24K today (example): 7,009.37 · Move in the 24K gram price, EGP, minus if it falls (example): –100.00

Item	Karat	Weight (g)	Pure gold (g)	Value before	Difference
Example 21K on display	21	1,286.700	1,125.863	7,899,486.32	–112,698.95
Example 18K on display	18	162.000	121.500	852,490.95	–12,162.16
Example bars	24	95.000	94.905	665,890.15	–9,500.00
Example 21K scrap	21	120.000	105.000	736,720.57	–10,510.51

Result	Value
Total pure gold (g)	1,447.268
Value before	10,154,587.98
Difference	–144,871.62
Difference %	**–1.43%**

4 The table: fill it in by hand

Item	Karat	Weight (g)	Pure gold (g)	Value before	Difference

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