Discount Calculator

Calculate single or successive percentage discounts, effective total savings and tax on the discounted price. A 20% discount followed by 10% multiplies 0.8 by 0.9: the effective reduction is 28%, not 30%.

Formula: sale = price * (1-discounti/100); final = sale * (1+tax/100)

INPUTS AND EXAMPLE VALUES

Original price: 100

Discount (%): 20

Tax on discounted price (%): 5

Additional successive discounts (%) - optional:

CHECK THE DEFAULT EXAMPLE

Final price with tax: 84

Savings before tax: 20

Effective total discount: 20 %

LIMITS AND CONVENTIONS

Tax applies to the final discounted price; additional discounts are optional and contain at most 100 rates from 0 to 100.

Fixed-value coupons, minimum-spend conditions and jurisdiction-specific taxes are outside the model.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/discount-calculator

OpenStax - Understanding percent: https://openstax.org/books/prealgebra-2e/pages/6-1-understand-percent

Display precision is for reporting; keep unrounded values for later calculations. Verify units and conventions. This reference does not replace institution, employer or network rules.