Time Duration Calculator

Measure the elapsed wall-clock interval between two times, without subtracting work breaks. Read hours and minutes alongside decimal hours; choose Hours Calculator for net paid shift time.

Formula: elapsed minutes = end - start + overnight adjustment; elapsed hours = minutes / 60

INPUTS AND EXAMPLE VALUES

Start time: 10:15

End time: 12:00

End may fall on the next day: not selected

CHECK THE DEFAULT EXAMPLE

Elapsed hours: 1.75 hours

Minutes: 105 minutes

Hours and minutes: 1 h 45 min

LIMITS AND CONVENTIONS

Supports a same-day interval or one overnight crossing, less than 24 hours; equal clocks mean zero.

No break deduction, payroll rules, dates or daylight-saving correction; use the UTC date/time tool for multi-day intervals.

METHOD AND SOURCES

https://azhanmh.com/guides/tools/time-duration-calculator

MDN - Date.UTC and calendar-date construction: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Date/UTC

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.