

Title	Make calculations for carpentry		
Level	3	Credits	4

Purpose	People credited with this standard can make calculations for carpentry.
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Classification	Construction Trades > Carpentry
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Available grade	Achieved
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Guidance Information

Definition

Cuboid is a three-dimensional rectangular box. A cuboid can also be called a rectangular prism and includes cubes.

Outcomes and performance criteria

Outcome 1

Make calculations for carpentry.

Performance criteria

- 1.1 Calculate the length of a building from running dimensions.
- 1.2 Calculate overall and individual dimensions from working drawings.
- 1.3 Calculate quantity, placement, and spacing of framing members required for a carpentry job.

Range one for nothing, centre to centre, in and over, in between.
- 1.4 Calculate diagonal length from working drawings using Pythagoras' theorem.
- 1.5 Calculate areas for shapes used in carpentry.

Range circle, right-angled triangle, rectangle, square.
- 1.6 Calculate volumes for solid shapes.

Range cylinder, cuboid.
- 1.7 Calculate a percentage from given information.

Replacement information	This unit standard replaced unit standard 13001.
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Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	25 January 2008	31 December 2023
Review	2	30 September 2021	N/A

Consent and Moderation Requirements (CMR) reference	0048
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Comments on this unit standard

Please contact the Building and Construction Industry Training Organisation at national.office@bcito.org.nz if you wish to suggest changes to the content of this unit standard.