

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	<p>This unit standard was replaced by skill standards 40294 and 40295.</p> <p>This unit standard replaced unit standard 13001.</p>
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions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	31 December 2027
Review	3	28 November 2024	31 December 2027

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>.