



Australian Government

**Assessment Requirements for FSKNUM016
Interpret, draw and construct routine 2D
and 3D shapes for work**

Release: 1

Assessment Requirements for FSKNUM016 Interpret, draw and construct routine 2D and 3D shapes for work

Modification History

Release	Comments
Release 1	This version first released with FSK Foundation Skills Training Package Version 2.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- identify, interpret and describe four of each of the following embedded in workplace texts and tasks:
 - familiar and routine 2D and 3D shapes
 - common angles, including 360°, 180°, 90° and 45°
- perform routine mathematical processes to complete a workplace tasks, including:
 - identifying each of the following in the real world and describing properties and applications of shapes to the workplace:
 - rectangular prisms
 - cubes
 - pyramids
 - spheres
 - cylinders
 - constructing familiar and routine 3D shapes from supplied nets.

In the course of the above the candidate must demonstrate use relevant technology, such as software.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- common properties and principles of familiar and routine 2D and 3D shapes including the number of sides or edges, corners or vertices and surfaces or faces of common shapes
- techniques to identify and estimate common angles
- purpose, function, selection, set up and safe use of routine geometric instruments
- methods for using estimation and assessment skills to check and reflect on an outcome and its appropriateness to the workplace task

- informal and formal mathematical written and oral language and symbolism of shapes and angles
- relevant technology such as software.
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Assessment Conditions

Competency is to be assessed in the workplace, a workplace simulated environment or a vocational training context.

Assistive technologies can be utilised to assist with oral and written communication.

Skills must be demonstrated using routine texts and tasks that reflect those typically found in a workplace.

The following resources are to be made available:

- geometric instruments utilised in the performance evidence.

Assessors must:

- satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards, and
- have sound knowledge of the ACSF and performance features of the ACSF level being assessed, and
- have demonstrable expertise, knowledge and skills in the vocational contextualisation and assessment of the core skill, numeracy, and
- have completed the following or equivalent:
 - TAESS00009 Address Foundation Skills in Vocational Practice Skill Set; or
 - a higher level education qualification, such as:
 - TAE80113 Graduate Diploma of Adult Language, Literacy and Numeracy Practice (and its equivalent TAE70111); or
 - Bachelor of Education, Graduate Certificate or Graduate Diploma of Education, or higher. This may include qualifications relating to TESOL, adult education or vocational education.
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Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>