



Australian Government

**Assessment Requirements for FSKNUM024
Use geometry to draw 2D shapes and
construct 3D shapes for work**

Release: 1

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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:

- extract and interpret each of the following embedded in a complex workplace text or task:
 - 2D shapes, including compound 2D shapes
 - 3D shapes, including compound 3D shapes
 - properties of angles, symmetry and similarity
- perform mathematical processes to complete complex workplace tasks, including:
 - identifying features and properties of 2D and 3D shapes including the properties of angle and symmetry
 - using angle properties to evaluate unknown angles in shapes
 - drawing 2D shapes, including compound shapes, using geometric instruments
 - drawing and constructing 3D shapes, including compound shapes, using geometric instruments.

In the course of the above the candidate must demonstrate use of relevant technology, such as appropriate computer aided drawing technology or 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:

- purpose and application of geometric shapes to workplace tasks
- features and properties of 2D and 3D shapes, including compound shapes
- properties and types of lines and angles and symmetry principles
- techniques to draw 2D shapes and construct 3D shapes
- estimation and assessment processes
- implications of drawings, constructions and results for workplace tasks
- specialised, formal and informal mathematical written and oral language and symbolism of shapes and angles

- relevant technology, such as appropriate computer aided drawing technology or 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 complex 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
- resources to draw and construct shapes in the performance evidence
- own familiar support resources.

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>