



Australian Government

**Assessment Requirements for FSKNUM028
Use routine formulas and algebraic
expressions 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 information relating to routine formulae and algebraic expressions and conventions embedded in a workplace text or task
- perform multi-step mathematical problem solving processes with routine formulas and algebra to complete a complex workplace task, including:
 - developing simple algebraic expressions or formulas that describe patterns or real life situations
 - performing operations on and simplifying algebraic expressions
 - calculating using routine formulas relevant to workplace.

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 workplace issues that can be investigated through the use algebraic expressions and formulae
- formal and symbolic notation, representation and conventions of algebraic expressions and formulae
- purpose and application of algebraic expressions and formulae to workplace tasks
- simple algebraic expressions and equations
- methods to simplify expressions
- routine formulas relevant to workplace
- purpose and use of relevant technology such as scientific or CAS calculator, spreadsheets or graphing software
- estimation and evaluation processes
- implications of calculations and results for workplace tasks
- specialised, formal and informal mathematical written and oral language and symbolism relevant to algebra and formulas.

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 independently using complex texts and tasks that reflect those typically found in a workplace.

The following resources are to be made available:

- a scientific calculator
- 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>