



Australian Government

FSKNUM28 Use routine formulas and algebraic expressions for work

Release: 1

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Modification History

Release	Comments
Release 1	This streamlined version first released with <i>FSK Foundation Skills Training Package version 1.0</i> .

Application

This unit describes the skills and knowledge to develop, interpret and use routine algebra expressions and formulas in the workplace.

This unit applies to individuals who need numeracy skills at Australian Core Skills Framework (ACSF) level 4 to undertake a vocational training pathway or workplace tasks.

This unit is designed for integration and contextualisation with vocational units to support achievement of vocational competency.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Numeracy

Elements and Performance Criteria

Element	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Develop and use algebraic expressions	1.1 Demonstrate understanding of informal and symbolic notation, representation and conventions of algebraic expressions 1.2 Develop simple algebraic expressions and equations 1.3 Operate on algebraic expressions 1.4 Simplify algebraic expressions 1.5 Substitute into simple routine equations
2. Use routine formulas	2.1 Identify and comprehend routine formulas used for work tasks

Element	Performance Criteria
	2.2 Evaluate routine formulas by substitution 2.3 Transpose routine formulas 2.4 Identify and use appropriate formulas for work related tasks 2.5 Check outcomes and use result of calculation

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
		Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Mapping Information

Not applicable

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for FSKNUM28 Use routine formulas and algebraic expressions for work

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Performance Evidence

Evidence of the ability to:

- develop simple algebraic expressions or formulas that describe patterns or real life situations
- perform operations on algebraic expressions
- calculate using routine formulas.

Note: Where a specific volume and/or frequency is not specified, evidence must be provided at least once.

Knowledge Evidence

Evidence of the following knowledge must be demonstrated:

- simple algebraic expressions and equations
- routine formulas for work.

Assessment Conditions

Assessment texts and tasks reflect those typically found in the workplace.

Individuals can access a range of established support resources.

Culturally appropriate processes and techniques suited to the language, literacy and numeracy capacity of individuals and the work being performed must be used.

Reasonable adjustments can be made to ensure equity in assessment for people with disabilities.

Assessors must satisfy NVR/AQTF assessor requirements, have a sound knowledge of the ACSF and have demonstrable expertise in the vocational contextualisation and assessment of the core skill - numeracy.

Links

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