



Australian Government

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.

Application

This unit describes the skills and knowledge to develop, interpret and use routine formulae and algebra expressions and conventions in the workplace and to represent and communicate about such algebraic information.

An individual performing these tasks works independently and uses support from a range of established resources.

This unit applies to individuals who use, or are preparing to use, numeracy skills to complete workplace activities. This includes existing workers and individuals preparing for employment through vocational education and training. This unit should be integrated and contextualised with vocational training to support achievement of vocational competency.

This unit is aligned to, but does not fully address, the Australian Core Skills Framework (ACSF) numeracy core skill indicators .09, .10 and .11 at level 4 in the workplace and employment domain of communication.

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. Extract and interpret routine formulae and algebraic expressions	1.1 Identify and interpret mathematical information measures, quantities and/or variables to be calculated and evaluated that require the use of a formula or some algebraic analysis

Element	Performance Criteria
	1.2 Identify and extract the relevant routine formulae and algebraic representations and conventions required to apply to workplace tasks and texts
2. Apply routine formulae and algebraic representations	2.1 Select and use a range of algebraic and problem solving strategies to undertake workplace task 2.2 Estimate outcome of calculations related to the application of the routine formulae or algebraic representations to the workplace task 2.3 Represent algebraic expressions in an appropriate workplace form, including operating on and simplifying algebraic expressions and equations as required 2.4 Substitute values into simple routine algebraic expressions, formulae or equations to solve workplace problems 2.5 Check and reflect on mathematics used, outcomes, and workplace and real-world implications
3. Communicate information from algebraic analysis	3.1 Use formal, informal and some specialised written mathematical representation to document, interpret and communicate workplace algebraic processes, results and implications 3.2 Use formal, informal and some specialised mathematical language to discuss and explain workplace algebraic processes, results and implications

Foundation Skills

This section describes language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Mapping Information

Supersedes and is equivalent to FSKNUM28 Use routine formulas and algebraic expressions for work.

Links

Companion Volume Implementation Guide is found on VETNet - <https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=f572fe10-a855-4986-9295-3852c771f178>