



Australian Government

**Assessment Requirements for FSKNUM014
Calculate with whole numbers and familiar
fractions, decimals and percentages for
work**

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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:

- select and interpret one of each of the following embedded in routine workplace tasks and texts:
 - whole numbers
 - routine common fractions
 - routine decimals
 - routine common percentages
 - common rates
- perform routine mathematical problem solving processes to complete a workplace task, including:
 - using and applying the order of arithmetical operations to solve multi-step calculations with whole numbers
 - performing calculations with common fractions, decimals and percentages
 - using and applying rates in familiar or routine situations
 - making initial estimations and checking reasonableness of process and results.

In the course of the above the candidate must demonstrate use of relevant technology, such as calculators or spreadsheets.

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 of workplace calculations relevant to completing workplace task
- place value and use of zero
- relationship and equivalence between familiar and routine fractions, decimals and percentages

- relationship between the four operations (addition, subtraction, multiplication and division) and the use and application of the order of operations
- the meaning and purpose of familiar rates such as km/hr, \$/kg and \$/m
- purpose and use of relevant technology such as calculators, spreadsheets or other relevant software
- 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 numbers and calculations.
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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:

- a calculator
- 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.

Links

Companion Volume Implementation Guide is found on VETNet -

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