

Year 9 Maths Assessment 1 - Number

This assessment requires you to present information from a provided set of data using your fractions, decimals, percentages, ratio and proportion skills to convert raw data into a visual infographic.

You can create your infographic using one of the following sites:

<https://piktochart.com/>

<https://www.canva.com/create/infographics/>

<https://infograph.venngage.com/templates/infographics>

You will hand in:

- All calculations and worksteps
- An infographic poster that compares and contrasts aspects of Yr 9 class census (**collaboration with Global studies**) visually through fractions, decimals, percentages, ratio and proportion.

(**Context** - Kaitakitanga of Taonga in Aotearoa - Human resources are critical for an economy. Census data helps with decision making around human capital of a country.)

Matauranga Maori focus - The importance of participating in tatauanga (census)

Tatau tātou (All of us count)

Criteria	WORKING TOWARDS Curriculum expectation	Working AT curriculum expectation	Working ABOVE curriculum expectations	Working BEYOND curriculum expectation
Number operation in context	You have attempted to use number operations such as decimal, fractions, percentages, ratio & proportion	You have used number operations such as decimal, fractions, percentages, ratio & proportion	You have used most number operations in multiple steps such as decimal, fractions, percentages, ratio & proportion	You have used all number operations in multiple steps precisely such as decimal, fractions, percentage, ratio & proportion
Number Knowledge in context	You have attempted to explain the method using steps	You have explained the method using steps	You have explained the method using multiple steps	You have explained the method using multiple steps with justification
Time Management	You have not completed the assessment on time	You have not completed the assessment on time	You have completed the assessment on time	You have completed the assessment on time

Accuracy in writing	You have made errors in grammar, spelling and/or punctuation which are intrusive and affect meaning	You have made errors in grammar, spelling and/or punctuation which are intrusive at times, but the reader can infer meaning	You have made some errors, but minimal reader inference is needed as meaning is consistently clear	You have carefully edited your writing to ensure you have few (or no) intrusive errors, consequently meaning is consistently clear
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