

Year 8 Maths Assessment 1 - Number

- Skills Test on EP
- Contextual Application
 1. MHJC was allocated \$54000 by the Ministry of Education. Mr. Morrison and Mr. Naidoo decided to spend $\frac{1}{4}$ of the funds on putting up a kapua and all the whanau's will get an equal share of the remaining funds. What fraction does each whanau receive and how much is it in money terms?
 2. An orchard produces 150 tonnes of apples in one season. There are 30 tonnes of second grade apples, 8% of which are unfit for sale, and the rest are first grade. If first grade apples sell for \$1640 per tonne and second grade for \$1250 per tonne, find the amount of apple harvest cheque?

Criteria	TOWARDS	AT	ABOVE	BEYOND
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Number operation in context	<p>You have attempted to apply:</p> <ul style="list-style-type: none"> • multiplicative strategies flexibly to whole numbers, equivalent fractions, decimals and percentages • Additive strategies to decimals and fractions 	<p>You have applied number operations:</p> <ul style="list-style-type: none"> • multiplicative strategies flexibly to whole numbers, equivalent fractions, decimals and percentages • Additive strategies to decimals and fractions 	<p>You have applied number operations in multiple steps with:</p> <ul style="list-style-type: none"> • multiplicative strategies flexibly to whole numbers, equivalent fractions, decimals and percentages • Additive strategies flexibly to decimals and fractions 	<p>You have applied number operations in multiple steps precisely with:</p> <ul style="list-style-type: none"> • multiplicative strategies flexibly to whole numbers, equivalent fractions, decimals and percentages • Additive strategies flexibly to decimals and fractions
Number Knowledge in context	You have attempted to explain the strategies using steps	You have explained the strategies using steps	You have explained the strategies using multiple steps	You have explained the strategies using multiple steps with justification
Time management	You have yet to submit your assessment	You have not submitted the assessment on time	You have submitted the assessment on time	You have submitted the assessment on time
Overall	Working TOWARDS	Working AT	Working ABOVE	Working BEYOND