

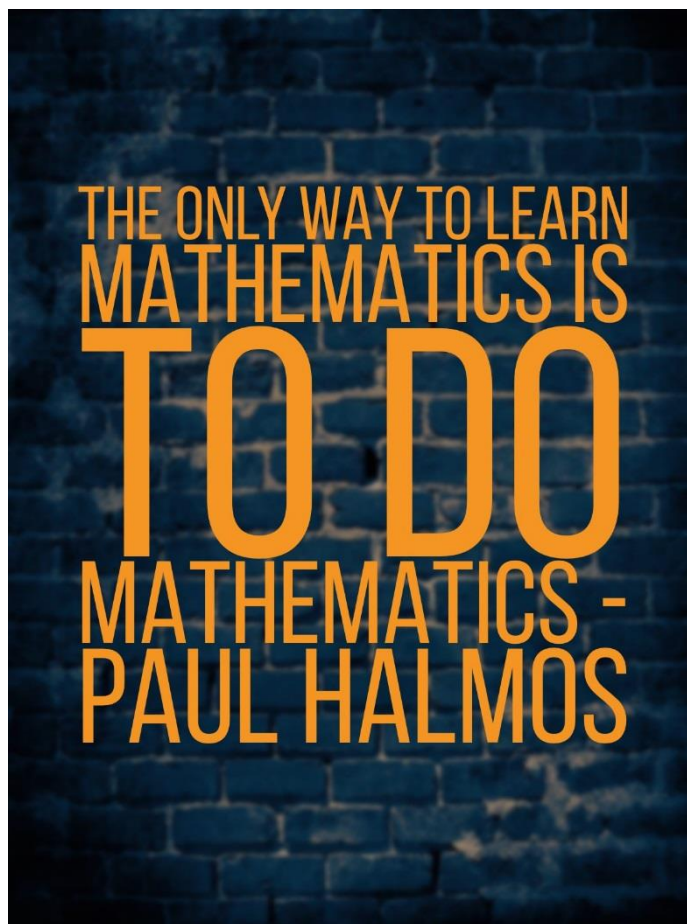


WeITec

Te Whare Wānanga o te Awakairangi

C

Student Mathematics workbook 2020



Student name

FRACTIONS ASSIGNMENT

Fractions homework assignment

Converting a decimal to a fraction on your *Casio fx82MS* is easy.

Write in the decimal number and press the = button to display the decimal on the answer (bottom) line.

Press the $A^{b/c}$ button and the fraction equivalent will be displayed.

Each time this button is pressed the answer will alternate between fractions and decimals.

This means that the same button can be used to convert decimals to fractions or to convert fractions to decimals.

The $A^{b/c}$ format as an example.

Starting with a mixed number fraction One and a quarter Or $1\frac{1}{4}$

where the arrangement is $A = 1$ $b = 1$ $c = 4$

the display will read $1 \downarrow 1 \downarrow 4$ meaning **One and a quarter**

To enter this into your calculator key the following sequence

| | | | | |
|---|-----------|---|-----------|---|
| 1 | $A^{b/c}$ | 1 | $A^{b/c}$ | 4 |
|---|-----------|---|-----------|---|

Now practice converting the decimals to fractions and the fractions to decimals in the 10 questions below.

| item | Initial format | Converted format |
|------|----------------|------------------|
| 1 | 0.5 | |
| 2 | 0.25 | |
| 3 | 0.8 | |
| 4 | 0.62 | |
| 5 | $\frac{7}{16}$ | |
| 6 | $\frac{1}{8}$ | |
| 7 | $\frac{8}{32}$ | |
| 8 | $3\frac{1}{2}$ | |
| 9 | $1\frac{5}{8}$ | |
| 10 | $\frac{22}{7}$ | |