Student Details

**First Name Last Name**

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**Teacher’s Name**

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HOME LEARNING PACK

TERM 5

YEAR 10

HIGHER

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| --- | --- | --- | --- |
| **Learning Objective:** | To be able to multiply decimals | **Name:** |  |
| **Date:** |  |
| **Do NOW Activity:** | | | |
| PRIOR KNOWLEDGE CHECK:  1. I am able to multiply integers | | | |
| **THE MAIN EVENT** | | | |
| **WORKED EXAMPLE #1:** | | | |
| **PRACTICE #1:** | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:** | | | |
| **PRACTICE #3:** | | | |

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| --- | --- | --- | --- |
| **Learning Objective:** | To be able to divide decimals | **Name:** |  |
| **Date:** |  |
| **Do NOW Activity:** | | | |
| PRIOR KNOWLEDGE CHECK:  1. I am able to divide integers | | | |
| **THE MAIN EVENT** | | | |
| **WORKED EXAMPLE #1:** | | | |
| **PRACTICE #1:** | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:** | | | |
| **PRACTICE #3:** | | | |

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| **Learning Objective:** | To be able to estimate answers to calculations that involve decimals | **Name:** |  |
| **Date:** |  |
| **Do NOW Activity:** | | | |
| PRIOR KNOWLEDGE CHECK:  1. I am able to round values to one significant figure | | | |
| **THE MAIN EVENT** | | | |
| **WORKED EXAMPLE #1:** | | | |
| **PRACTICE #1:** | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:** | | | |
| **PRACTICE #3:** | | | |

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| --- | --- | --- | --- |
| **Learning Objective:** | To be able to convert recurring decimals to fractions | **Name:** |  |
| **Date:** |  |
| **Do NOW Activity:** | | | |
| PRIOR KNOWLEDGE CHECK:  1. I am able to find the HCF of two numbers | | | |
| **THE MAIN EVENT** | | | |
| **WORKED EXAMPLE #1:**  Q1 Use method shown previously i.e. 1/3 would be 1 3  Q2 0.44444… = 4/9 0.525252… = 52/99 | | | |
| **PRACTICE #1:** | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:** | | | |
| **PRACTICE #3:** | | | |