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

|  |  |  |  |
| --- | --- | --- | --- |
| **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:**  |

|  |  |  |  |
| --- | --- | --- | --- |
| **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:**  |

|  |  |  |  |
| --- | --- | --- | --- |
| **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$÷$ 3Q2 0.44444… = 4/9 0.525252… = 52/99 |
| **PRACTICE #1:**  |
| **WORKED EXAMPLE #2:**  |
| **PRACTICE #2:** $$ $$ |
| **PRACTICE #3:**  |