Student Details

**First Name Last Name**

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**Teacher’s Name**

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HOME LEARNING PACK

TERM 6

YEAR 10 - FOUNDATION

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| --- | --- | --- | --- |
| **Learning Objective:** | To expand brackets and simplify expressions. | **Name:** |  |
| **Date:** |  |
| **Do NOW Activity:** | | | |
| PRIOR KNOWLEDGE CHECK:  1. I can use the four operations in calculations. | | | |
| **THE MAIN EVENT** | | | |
| **WORKED EXAMPLE #1:** | | | |
| **PRACTICE #1:** Expand the following sets of brackets. | | | |
| **PRACTICE #2:** Expand and simplify the following sets of brackets. | | | |

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| **WORKED EXAMPLE #2:** |
| **PRACTICE #3:**  Expand and simplify the following sets of brackets. |
| **PRACTICE #4:**  Can you spot any mistakes in the following. |
| **Application** |

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| **Learning Objective:** | To be able to factorise algebraic expressions | **Name:** |
| **Date:** |

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| --- |
| **Do NOW Activity:** |
| PRIOR KNOWLEDGE CHECK:  You will need to be able to expand single and 2 set of single brackets. |
| **THE MAIN EVENT** |
| **WORKED EXAMPLE:** |
| **Practice #1.** Factorise each of the below: |
| **WORKED EXAMPLE:** |
| **Practice #2:** Factorise fully |
| **WORKED EXAMPLE #3:** |
| **Practice #3:** Factorise fully |
| **APPLICATION** |

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| --- | --- | --- | --- | --- | --- | --- |
| **Learning Objective:** | To solve multi-step equations. | | | **Name:** |  | |
| **Date:** |  | |
| **Do NOW Activity:** | | | | | | |
| PRIOR KNOWLEDGE CHECK:  1. I can use the four operations in calculations. | | | | | | |
| **THE MAIN EVENT** | | | | | | |
| **WORKED EXAMPLE #1:** | | | | | | |
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| **PRACTICE #1:**  Solve the following equations. | | | | | | |
| **WORKED EXAMPLE #2:** | | | | | | |
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| **PRACTICE #2:** | | | | | | |
| **WORKED EXAMPLE #3:** SOLVE | | | | | | |
|  | |  |  | | |  |
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| **WORKED EXAMPLE #4:** | | | | | | |
|  | |  |  | | |  |
| **PRACTICE #3:** | | | | | | |