Student Details

**First Name Last Name**

[­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_] [\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]

**Teacher’s Name**

[­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_]

HOME LEARNING PACK

TERM 6

YEAR 10 - HIGHER

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Learning Objective:** | To find the product of two binomials – double brackets | **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. | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:**  Expand and simplify the following sets of brackets. | | | |
| **WORKED EXAMPLE #3:** | | | |
| **PRACTICE #3:** | | | |
| **WORKED EXAMPLE #4:** | | | |
| **PRACTICE #4:** | | | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Learning Objective:** | To find the product of three binomials | **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. | | | |
| **WORKED EXAMPLE #2:** | | | |
| **PRACTICE #2:**  Expand and simplify the following sets of brackets. | | | |
| **APPLICATION** | | | |