Student Details

 **First Name Last Name**

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

**Teacher’s Name**

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

HOME LEARNING PACK

TERM 6

YEAR 8

|  |  |  |  |
| --- | --- | --- | --- |
| **Learning Objective:**  | To find Factors and Multiples of any number  | **Name:**  |  |
| **Date:**  |  |
| **Do NOW Activity:**  |
| PRIOR KNOWLEDGE CHECK: 1. I can find multiples and factors |
| **THE MAIN EVENT**  |
| **WORKED EXAMPLE #1:** Factors – Numbers that can be divided equally into another number. Factors of 20 = **1, 20 , 2, 10, 4, 5** |
| **PRACTICE #1:** **WORKED EXAMPLE #1:**Multiples : Times table of a number List the multiples of 10: **10, 20, 30, 40**  |
| **PRACTICE #2** |
| **PRACTICE #3** |
| **PRACTICE #4** |

|  |  |  |  |
| --- | --- | --- | --- |
| **Learning Objective:**  | To write any number as a product of its prime factors. | **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:** Simplify each of the following calculations. |
| **WORKED EXAMPLE #2:**   |
| **PRACTICE #2:**  |
| **PRACTICE #3:**  |