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| C:\Users\Admin\AppData\Local\Microsoft\Windows\INetCache\Content.Word\FB_IMG_15713168873670984.jpg**Layese – Cortes’ Review and Tutorial Center** |
| 2nd Floor A. Luna Bldg. La Purisima Concepcion, Bogo City, Cebu |

**STUDENT’S WORKSHEET**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Grade: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Graphing Linear Equations**

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| Grade 8 Linear Equation Worksheet 1 |

I. Give the following values of *y* and plot the points in a graph.

**1.) Linear Equation: y = 2x + 4**

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| **X** | **-2** | **-1** | **0** | **1** | **2** |  |
| **y** |  |  |  |  |  |  |

**2.)** **Linear Equation: y = - 5x + 8**

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| **X** | **-2** | **-1** | **0** | **1** | **2** |  |
| **y** |  |  |  |  |  |  |

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| **GRAPHING PAPER** |

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II. Give each equation using the *x* – and *y* – intercepts.

**1.) y = 4x – 2**

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| --- | --- |
| ***x – intercept*** | ***y – intercept*** |
|  |  |

**2.) 4x – y = 3**

|  |  |
| --- | --- |
| ***x – intercept*** | ***y – intercept*** |
|  |  |

**3.) 2x – 11y – 22 = 0**

|  |  |
| --- | --- |
| ***x – intercept*** | ***y – intercept*** |
|  |  |

**4.) 24 – 6x + 12y = 0**

|  |  |
| --- | --- |
| ***x – intercept*** | ***y – intercept*** |
|  |  |

**5.) – 2x + 3y = 10**

|  |  |
| --- | --- |
| ***x – intercept*** | ***y – intercept*** |
|  |  |