Informática II Nivel Superior– Actividad 9: Merge Sort

Nombre: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Matrícula: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Ordena los siguientes arreglos ascendentemente utilizando el algoritmo Merge Sort. Muestra cada paso.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 3 | 9 | 7 | 5 | 2 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 15 | 7 | 96 | 20 | 11 | 4 | -5 | 0 |

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| A | B | X | Z | R | D | N | M | A | R |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| -5 | 8 | 12 | 25 | 30 | 312 | 814 | 987 | 1558 |