**Ejercitación Nro. 1**

**Sistemas de Numeración**

Para los siguientes datos realizar los Ejercicios Propuestos. En todos los casos, los ejercicios contienen elementos para autocorrección, puesto que puede llegarse a los mismos resultados mediante varias metodologías

Utilizar estos cuatro conjuntos de datos

1. A=20 y B=14
2. A= 54 y B=19
3. A=187 y B=137
4. A=178 y B=145

Tareas a realizar, utilizar las plantillas adjuntas

1. Convertir ambos a binario mediante el sistema de pesas (mentalmente)
2. Convertir A a binario mediante divisiones
3. Convertir ambos a octal mediante divisiones
4. Convertir ambos a Hexadecimal mediante divisiones
5. Comprobar todas las conversiones, mediante la conversión a decimal.
6. Realizar la conversión directa Binario Octal y Binario Hexadecimal para comprobar
7. Realizar A+B en los tres sistemas
8. El resultado comprobarlo mediante la conversión a decimal y su comparación con el resultado decimal

**CONJUNTO DE DATOS a.**

**Suma Resultados y Operaciones, para conjunto de datos a.**

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|  |  | **Decimal** |  |  |  | **Binario** |  |  |  | **Octal** |  |  |  | **Hexadecimal** |  |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **+** |  |  |  | **+** |  |  |  | **+** |  |  |  | **+** |  |  |  |
| **B** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**CONJUNTO DE DATOS b.**

**Suma Resultados y Operaciones, para conjunto de datos b.**

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|  |  | **Decimal** |  |  |  | **Binario** |  |  |  | **Octal** |  |  |  | **Hexadecimal** |  |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **+** |  |  |  | **+** |  |  |  | **+** |  |  |  | **+** |  |  |  |
| **B** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**CONJUNTO DE DATOS c.**

**Suma Resultados y Operaciones, para conjunto de datos c.**

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|  |  | **Decimal** |  |  |  | **Binario** |  |  |  | **Octal** |  |  |  | **Hexadecimal** |  |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **+** |  |  |  | **+** |  |  |  | **+** |  |  |  | **+** |  |  |  |
| **B** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**CONJUNTO DE DATOS d.**

**Suma Resultados y Operaciones, para conjunto de datos d.**

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|  |  | **Decimal** |  |  |  | **Binario** |  |  |  | **Octal** |  |  |  | **Hexadecimal** |  |
| **A** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **+** |  |  |  | **+** |  |  |  | **+** |  |  |  | **+** |  |  |  |
| **B** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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