|  |  |
| --- | --- |
| **DATA REPRESENTATION** |  |

##

## **Binary to Hex**

Convert the following binary numbers into their hex equivalent:

|  |  |
| --- | --- |
| Binary Number | Hex Equivalent |
| **00000110** |  |
| **00001001** |  |
| **00011111** |  |
| **00101100** |  |
| **00101111** |  |
| **00110011** |  |
| **00111110** |  |
| **01000011** |  |
| **01000111** |  |
| **01001110** |  |
| **01011101** |  |
| **11010001** |  |
| **11110101** |  |
| **11111111** |  |

## **Hex to Binary**

Convert the following hex numbers into their binary equivalent:

|  |  |
| --- | --- |
| Binary Number | Hex |
|  | **13** |
|  | **44** |
|  | **A2** |
|  | **B5** |
|  | **C8** |
|  | **D4** |
|  | **AB** |
|  | **DC** |
|  | **FE** |

## **Challenge Questions**

* State an advantage of using hexadecimal
* What do the letters A, B, C, D, E and F represent?

##

## **Super Challenge Task**

* Create a revision resource to demonstrate how to convert to and from hexadecimal