# Decimal and binary 

The Royal Institution
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Masterclass network
Complete the table below to convert the numbers between decimal and binary.

| Number in word <br> and decimal form | Does it <br> have a <br> 16? | Does it <br> have an <br> 8? | Does it <br> have a <br> 4? | Does it <br> have a <br> 2? | Does it <br> have a <br> 1? | Number in <br> binary |
| ---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Tleven 11 | n0 | yes | no | yes | yes | 01011 |
| Twenty five 25 |  |  |  |  |  |  |
|  |  |  |  |  |  | 01110 |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

