Binary Representation
Binary Representation

• Tables for 4bit integers:

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<tbody>
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Hexadecimal Representation
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• ... and how to count them.

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Hexadecimal Representation

• ... and how to count them.

| Hexadecimal: | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | a | b | c | d | e | f | 10 | 11 | 12 | 13 |
|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Decimal:     | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10| 11| 12| 13| 14| 15| 16| 17| 18| 19|

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| hexadecimal: | 14 | 15 | 16 | 17 | 18 | 19 | 1a | 1b | 1c | 1d | 1e | 1f | 20 | 21 | 22 | 23 |
| decimal:     | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 |
Hexadecimal Representation

• ... and how to count them.

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hexadecimal: 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24
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Hexadecimal Representation

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| decimal:     | 20|21 |22 |23 |24 |25 |26 |27 |28 |29 |30 |31 |32 |33 |34 |35 |36 |37 |38 |
Hexadecimal Representation

• ... and how to count them.

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decimal:     0  1  2  3  4  5  6  7  8  9 10 11 12 13 14 15 16 17 18 19

hexadecimal: 14 15 16 17 18 19 1a 1b 1c 1d 1e 1f 20 21 22 23 24 25 26  ...
decimal:     20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38  ...