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Nome:

Exercícios suplementares – ARQ COMP

1. Converta apresentando os cálculos

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Valor base 2 | 2^7 = 128 | 2^6 = 64 | 2^5 = 32 | 2^4 = 16 | 2^3 = 8 | 2^2 = 4 | 2^1 = 2 | 2^0 = 1 | Valor base 10 |
| A. 10001100 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 128+8+4=  140 |
| B. 10011110 | 1 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 128+16+8+4+2= 158 |
| C. 1101010 |  | 1 | 1 | 0 | 1 | 0 | 1 | 0 | 64+32+8+2=  106 |
| D. 1010001 |  | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 64+16++1=  81 |
| E. 1111000 |  | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 64+32+16+8=  120 |