1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | 0 | 8 | 10 | 12 | 16 | 18 |
| Base 2 | 0 | 1000 | 1010 | 1100 | 10000 | 10010 |
| Base 8 | 0 | 10 | 12 | 14 | 20 | 22 |
| Base 16 | 0 | 8 | A | C | 10 | A2 |

2)

|  |  |  |  |
| --- | --- | --- | --- |
|  | (10)8 | (100)8 | (256)8 |
| Base 16 | 8 | 40 | 100 |

3)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | (10)16 | (256)16 | (CAFE)16 | (2764)16 | (FFFE)16 |
| Base 8 | 20 | 1126 | 145376 | 11644 | 177776 |

4)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Base 10 | 5 | 12 | 22 | 126 |
| Base 2 | 101 | 1010 | 10110 | 1111110 |

5)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Base 2 | 11 | 101 | 1000 | 10101 |
| Base 10 | 3 | 5 | 8 | 21 |

6)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Base 10 | 2 | 132 | 1024 | 10101 | 35000 |
| Base 8 | 2 | 204 | 2000 | 23565 | 104270 |

7)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Base 8 | 7 | 10 | 75 | 333 | 25033 |
| Base 10 | 7 | 8 | 61 | 219 | 10947 |

8)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Base 10 | 8 | 10 | 43 | 47000 |
| Base 16 | 8 | A | 2B | B798 |

9)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Base 16 | B | 10 | 5B | ABB | 101010 |
| Base 10 | 11 | 16 | 91 | 2747 | 1052688 |

10)

|  |  |  |  |
| --- | --- | --- | --- |
| Base 2 | 11000 | 1010110 | 11101110 |
| Base 8 | 30 | 126 | 356 |

11)

|  |  |  |  |
| --- | --- | --- | --- |
| Base 8 | 75 | 562 | 1264 |
| Base 2 | 111101 | 101110010 | 1010110100 |

12)

|  |  |  |  |
| --- | --- | --- | --- |
| Base 2 | 11000 | 1010110 | 111101010 |
| Base 16 | 1A | 56 | 1EA |

13)

|  |  |  |  |
| --- | --- | --- | --- |
| Base 16 | B12 | CED | F1A9 |
| Base 2 | 101100010010 | 110011101101 | 1111000110101001 |

14)

L’informatique ce n’est pas difficile !.

15)

|  |  |  |  |
| --- | --- | --- | --- |
|  | 31 | 77 | 945 |
| Chaine de caractère | 00011111 | 01001101 | 0000001110110001 |
| Base 2 | 11111 | 1001101 | 1110110001 |