

CORRIGÉ EX 1 série binaire :

base 10

base 2

0₍₁₀₎

0₍₂₎

1₍₁₀₎

1₍₂₎

2₍₁₀₎

10₍₂₎

3₍₁₀₎

11₍₂₎

4₍₁₀₎

100₍₂₎

5₍₁₀₎

101₍₂₎

6₍₁₀₎

110₍₂₎

7₍₁₀₎

111₍₂₎

8₍₁₀₎

1000₍₂₎

9₍₁₀₎

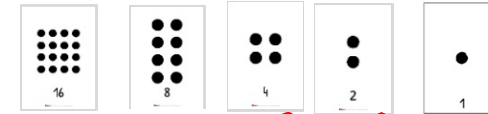
1001₍₂₎

10₍₁₀₎

1010₍₂₎

base 10

base 2



11₍₁₀₎

1011₍₂₎

12₍₁₀₎

1100₍₂₎

13₍₁₀₎

1101₍₂₎

14₍₁₀₎

1110₍₂₎

15₍₁₀₎

1111₍₂₎

16₍₁₀₎

10000₍₂₎

17₍₁₀₎

10001₍₂₎

18₍₁₀₎

10010₍₂₎

19₍₁₀₎

10011₍₂₎

20₍₁₀₎

10100₍₂₎

milliers 10^3	centaine 10^2	dizaine 10^1	unité 10^0	
↓	↓	↓	↓	
0	1	2	7	(10) ↙ base

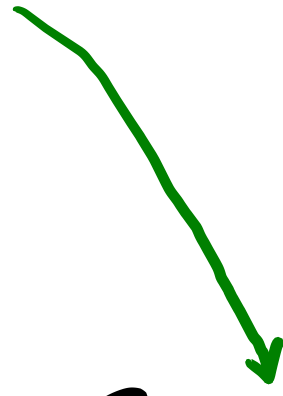
quatre-vingt deux-vingt unités

2^2

2^1

2^0

base



0

0

0

₍₂₎

=

0

₍₁₀₎

0

0

1

₍₂₎

=

1

₍₁₀₎

0

1

0

₍₂₎

=

2

₍₁₀₎

0

1

1

₍₂₎

=

3

₍₁₀₎

1

0

0

₍₂₎

=

4

₍₁₀₎