$$2048 \underline{|2}$$
$$-2048 \quad 1024 \underline{|2}$$
$$0 \qquad 0 \quad 512 \underline{|2}$$
$$0 \quad 256 \underline{|2}$$
$$0 \quad 128 \underline{|2}$$
$$0 \quad 64 \underline{|2}$$
$$0 \quad 32 \underline{|2}$$
$$0 \quad 16 \underline{|2}$$
$$0 \quad 8 \underline{|2}$$
$$0 \quad 4 \underline{|2}$$
$$0 \quad 2 \underline{|2}$$
$$0 \quad 1$$

$$(2048)_{10} = (100000000000)_{10}$$

$$1025 - 1024 = 1$$

$$(1025)_{10} = (10000000001)_{10}$$

2048	1024	512	256	128	64	32	16	8	4	2	1
1	0	0	0	0	0	0	0	0	0	0	1

$$127 - 64 = 63 - 32 = 31 - 16 = 15 - 8 = 7 - 4 = 3 - 2 = 1 - 1$$

128	64	32	16	8	4	2	1
	1	1	1	1	1	1	1

$$(127)_{10} = (1111111)_{10}$$

$$1000 - 512 = 488 - 256 = 232 = 104 - 64 = 40 - 32 = 8 - 8 = 0$$

1024	512	256	128	64	32	16	8	4	2	1
	1	1	1	1	1	0	1	0	0	0

$$(1000)_{10} = (1111101000)_{10}$$

$328 - 256 = 72 - 64 = 8 - 8 = 0$

512	256	128	64	32	16	8	4	2	1
	1	0	1	0	0	1	0	0	0

$(328)_{10} = (101001000)_{10}$

$4141 - 4036 = 105 - 64 = 41 - 32 = 9 - 8 = 1$

4036	2018	1024	512	256	128	64	32	16	8	4	2	1
1	0	0	0	0	0	1	1	0	1	0	0	1

8072

$(4141)_{10} = (100000110\,1001)_{10}$