$$19,625 =$$

$$10 + 9 + 0,600 + 0,020 + 0,005$$

$$1 \cdot 10^{1} + 9 \cdot 10^{0} + 6 \cdot 10^{-1} + 2 \cdot 10^{-2} + 5 \cdot 10^{-3}$$

$1011,101$ → base 2

$$1 \cdot 2^{3} + 0 \cdot 2^{2} + 1 \cdot 2^{1} + 1 \cdot 2^{0} + 1 \cdot 2^{-1} + 0 \cdot 2^{-2} + 1 \cdot 2^{-3} =$$

$$8 + 0 + 2 + 1 + 0.5 + 0 + 0.125 =$$

$$11,625$$

16	8	4	2	1
1	0	0	1	1

19,625

19 - 16 = 3 - 2 = 1

19 | 2

[1] 9 | 2

1 4 | 2

0 2 | 2

0 1 | 2

1 0

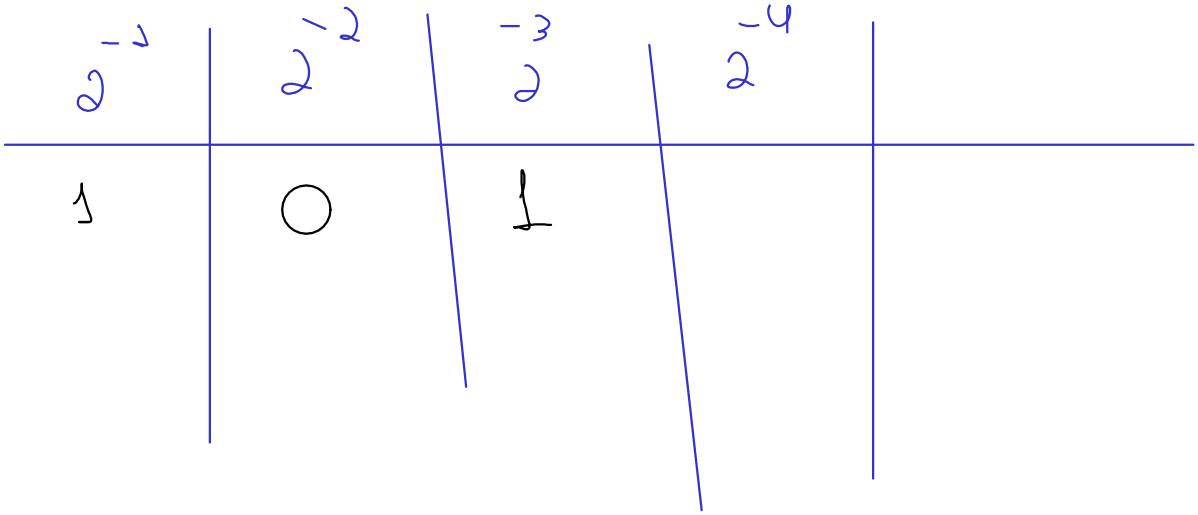
0,625 x 2 =

[1] + 0,25 x 2 =

[0] + 0,5 x 2 =

(1) + 0

0,101



0,625

- 0,125

- 0,125 = 0

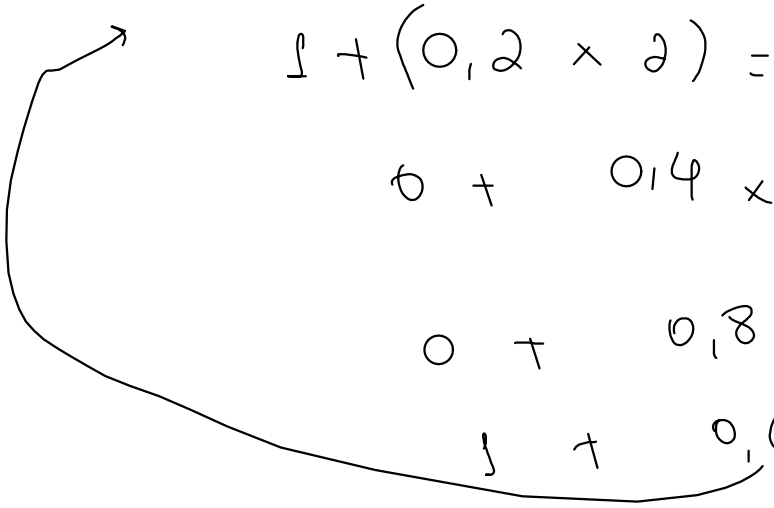
$0,6 \times 2 =$

$1 + (0,2 \times 2) =$

$0 + 0,4 \times 2 =$

$0 + 0,8 \times 2 =$

$1 + 0,6$



$$\begin{array}{r} 1\,1\,1 \\ 0\,0\,1\,0\,1 \\ +\ 1\,0\,0\,1\,1 \\ \hline 1\,1\,0\,0\,0 \end{array}$$

$(+5)$

(-3)

2

-8

$5 \mid 2$

$1 \quad 2 \mid 2$

$0 \quad 1 \mid 2$

0

1

$2^1\ 2^0$

0 0 0 1 1 = 3

1 1 1 0 0 (inverte)

1 1 1 0 1 + 1 = −3

sinal

0 0 1 1 0

1 1 0 0 1

\+ 1

1 1 0 1 0