

1.6.5

a) $8,9_{10}$

$8 = 1000$

$0,9$

Logo $8,9_{10}$ é igual a $1000,111001_2$

$\times 2$

1,8

$\times 2$

1,6

$\times 2$

1,2

$\times 2$

0,4

$\times 2$

0,8

$\times 2$

1,6

b) $9,5_{10}$

9_{10}

$1\ 4\ 2\ 2$

$0\ 3\ 2\ 2$

$0\ 1$

$0,5$

$\times 2$

1,0

Logo $9,5_{10}$ é igual a $1001,1_2$

c) $12,125_{10}$

12_{10}

$0\ 6\ 2\ 2$

$0\ 3\ 2\ 2$

$1\ 1$

$0,125$

$\times 2$

0,250

$\times 2$

0,500

$\times 2$

1,000

Logo $12,125_{10}$ é igual a $1100,001_2$

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