Started on	Thursday, 28 March 2024, 8:12 PM
State	Finished
Completed on	Thursday, 28 March 2024, 8:18 PM
Time taken	6 mins 9 secs
Grade	**3.00** out of 3.00 (**100**%)

Question 1

Correct

Mark 1.00 out of 1.00

Adja meg a 93 kettes számrendszerbeli alakját!

Answer: 1011101 ✓

The correct answer is: 1011101

93	1	
46	0	
23	1	
11	1	
5	1	
2	0	
1	1	
0		
1011101		

Question 2

Correct

Mark 1.00 out of 1.00

$a = 2, t = 5, k_- = -3, k_+ = 3$ esetén mi lesz a 1.5625 normalizált alakja?

Select one:

- a. $2^{-2} \cdot 0.11011$
- b. $2^{0} \cdot 0.11011$
- c. $2^{-3} \cdot 0.10011$
- d. $2^{1} \cdot 0.11001$ ✓
- e. $2^{2} \cdot 0.11110$
- f. $2^{3} \cdot 0.10101$

The correct answer is: $2^{1} \cdot 0.11001$

	5625
1	125
0	25
0	5
1	0
1,1001	
2^1 * 0,11001	

Question 3

Correct

Mark 1.00 out of 1.00

Az $\mathcal{F} = [a = 2, k_- = -6, k_+ = 6, t = 4]$ rendszerben a(z)

$\frac{17}{40}$

szám normalizálva, szabályos kerekítéssel:

Select one:

- a. $2^1 \cdot 0.1100$
- b. $2^1 \cdot 0.1101$
- c. $2^{-1} \cdot 0.1101$
- d. $2^{-1} \cdot 0.1100$
- e. $2^{-1} \cdot 0.1110$ ✓
- f. $2^{-3} \cdot 0.1110$
- g. $2^{-3} \cdot 0.1100$
- h. $2^{-2} \cdot 0.1101$
- i. $2^{-2} \cdot 0.1110$

	425
0	85
1	7
1	4
0	8
1	6
1	2
0	4
0	8

0,011011
2^-1 * 0,1110

The correct answer is: $2^{-1} \cdot 0.1110$