

479: 15 = 2565 D 42665: 15 = 171 DO171: 15 = 11 DO171: 15 = 11 DO1762: 4 = 440 DO170: 4 = 27 DO

4.
$$0,225_{(10)} = ?_{(7)}$$
 $0,225 \cdot 7 = 1,575$
 $0,575 \cdot 7 = 4,025$
 $0,025 \cdot 7 = 0,175$
 $0,175 \cdot 7 = 1,225$
 $0,4764 \cdot 5 = 2,2320$
 $0,2320 \cdot 5 = 1,1600$
 $0,460 \cdot 5 = 0,8000$
 $0,9000 \cdot 5 = 4,0000$
6. $0,801_{(12)} = ?_{(6)}$
 $11 \cdot 12^{-4} + 1 \cdot 12^{-3} = \frac{44}{12} + \frac{1}{1729} = \frac{1585}{1728} = 0,917_{(10)}$
 $0,912 \cdot 6 = 0,936 = 9,000$
 $0,972 \cdot 6 = 0,936 = 9,000$
 $0,972 \cdot 6 = 0,936 = 9,000$

$$5.8 + 6.8^{2} + 2.8^{2} + 7.8^{-1} + 2.8^{-2} =$$

$$= 2660 + 384 + 2 + \frac{87}{8} + \frac{2}{69} = 2946 + \frac{58}{69} = 2946,90625$$

=> 2101,22 = 121,613 (7)

9 C 10,
$$08_{(13)} = ?_{(10)}$$

9 · $13^3 + 12 \cdot 13^2 + 13 + 8 \cdot 13^{-2} = 19773 + 2028 + 13 + \frac{8}{169} =$

$$2. 3^{3} + 1. 3^{2} + 1. 3^{\circ} + 2. 3^{-1} + 2. 3^{-2} = 64 + \frac{8}{9} = 64,888_{(10)}$$

$$64: 7 = 9 \text{ } 7.1$$

10. 01 00 0000 1 101 100, 111 001 110(2) = . (8)

20154,716(8)

	(2))	(8)	
0	O	D	0	
0	0	1	1	
0	1	0	2	
٥	1	1	2 3	
1	0	O	4	
1	0	4	5	
1	1	0	6	
	1	1	7	

11. 1111 0010 0000 0100 1010, 1101 1110 0101 1000 10 = (16)

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	2)	(16)	
00	00	D	
00	01	1	
00	10	2	
00	11	3	
0 1	00	3 4 5	
	01	5	L
	10	6	
	11	 	
	00	8	
	01	9	
	40	Æ	
10		В	
	00	C	
11		D	
11			
	11	E	

12. 11024, 7501 (8) = $\frac{7}{(2)}$ (2) 10010000101000001110100000112)

13 BC13F, 57032 (16) = (2)

1011 11000001 0011 1111 , 0101 0111 0000 0011 001