

בתחילת היום: 1

1

$$(451)_6$$

$$\begin{array}{r} 4 \cdot 6^2 + 5 \cdot 6^1 + 1 \cdot 6^0 = 175 \end{array}$$

$$(223)_4$$

$$2 \cdot 4^2 + 2 \cdot 4^1 + 3 \cdot 4^0 = 43$$

$$(510)_7$$

$$5 \cdot 7^2 + 1 \cdot 7^1 + 0 \cdot 7^0 = 253$$

$$10 \cdot 16^1 + 2 \cdot 16^0 = 162$$

$$(A2)_{16}$$

1	11	79	558
$\frac{1}{7}$	$1\frac{4}{7}$	$11\frac{2}{7}$	$79\frac{5}{7}$
1	4	2	5

$$(558)_{10} = (1425)_7$$

1	3	7	15	31	62	124	248	497	994
0.5	1.5	3.5	7.5	15.5	31	62	124	248.5	497
1	1	1	1	1	0	0	0	1	0

$$(994)_{10} = (11,1110,0010)$$

1	17	278
$\frac{1}{16}$	$1\frac{1}{16}$	$17\frac{6}{16}$
1	1	6

$$(116)_{16} = (278)_{10}$$

14	115	921
$1\frac{6}{8}$	$14\frac{3}{8}$	$115\frac{1}{8}$
6	3	1

$$(631)_8 = (921)_{10}$$

2

3

$$(715)_8 \xrightarrow{?} (111001101)_2$$

/ | \

$$7 \cdot 8^2 \quad 1 \cdot 8^1 \quad 5 \cdot 8^0 = (461)_{10}$$

$$(215)_6 = (1010011)_2$$

/ | \

$$2 \cdot 6^2 \quad 1 \cdot 6^1 \quad 5 \cdot 6^0 = (83)_{10}$$

$$(C1)_{16} \rightarrow (11000001)_2$$

/ \

$$12 \cdot 16^1 \quad 1 \cdot 16^0 = (193)_{10}$$

4

$$(11111110)_2 \rightarrow (FE)_{16}$$

$$(757)_8 \quad (1EFF)_{16}$$

↗

העברה מהירה $\rightarrow (1111101111)_2$

$$(757)_9 \quad (26B)_{16}$$

↗

$$\rightarrow (619)_{10}$$

2	38	619
$\frac{2}{16}$	$\frac{256}{16}$	$\frac{384}{16}$
2	6	B-11

		: BCD	1013	(5)
7	1	0	1	9
0111	0001	0001	1001	1001 0010

+5 0101
 -5 1010 : 1-1-1-1-1
 -5 1011 : 2-1-1-1-1

: 1-1-1-1-1
 ! 1-1-1-1-1
 : 2-1-1-1-1
 1-1-1-1-1

(6)

+10 01010
 -10 10101 : 1-1-1-1-1
 -10 10110 : 2-1-1-1-1

+23 010111
 -23 101000 : 1-1-1-1-1
 -23 101001 : 2-1-1-1-1

+31 011111
 -31 100000 : 1-1-1-1-1
 -31 100001 : 2-1-1-1-1

∴ 2-7 p. 22 N

: 1- 7 p. fen

7

$$\begin{array}{r} 1101 \\ + 0010 \\ \hline 0011 = +3 \end{array}$$

$$1101 = -2 \quad \text{ps}$$

$$\begin{array}{r} 0010 \\ + 2 \\ \hline 1101 = -2 \quad \text{pf} \end{array}$$

1101

$$\begin{array}{r}
 00100001 \\
 + 1 \\
 \hline
 00100010
 \end{array}$$

00100001 = +33
1101110 μd
= -33

1101, 1110

$$\begin{array}{r} 00000101 \\ + \quad \quad \quad 1 \\ \hline 00000110 \end{array} + 6$$

פס' המ' המ' = -6

00000101
+ 5
100
- 5 = 100

11111010
aa