

# Dever 3

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HIKVISION

1)  $(+14)_{10}$

$$\begin{array}{r} 14 \mid 2 \\ \hline 0 \mid 7 \mid 2 \\ \quad 1 \mid 3 \mid 2 \\ \quad \quad 1 \mid 1 \mid 2 \\ \quad \quad \quad 0 \mid 2 \\ \quad \quad \quad \quad 1 \end{array}$$

~~00000001110~~

0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0
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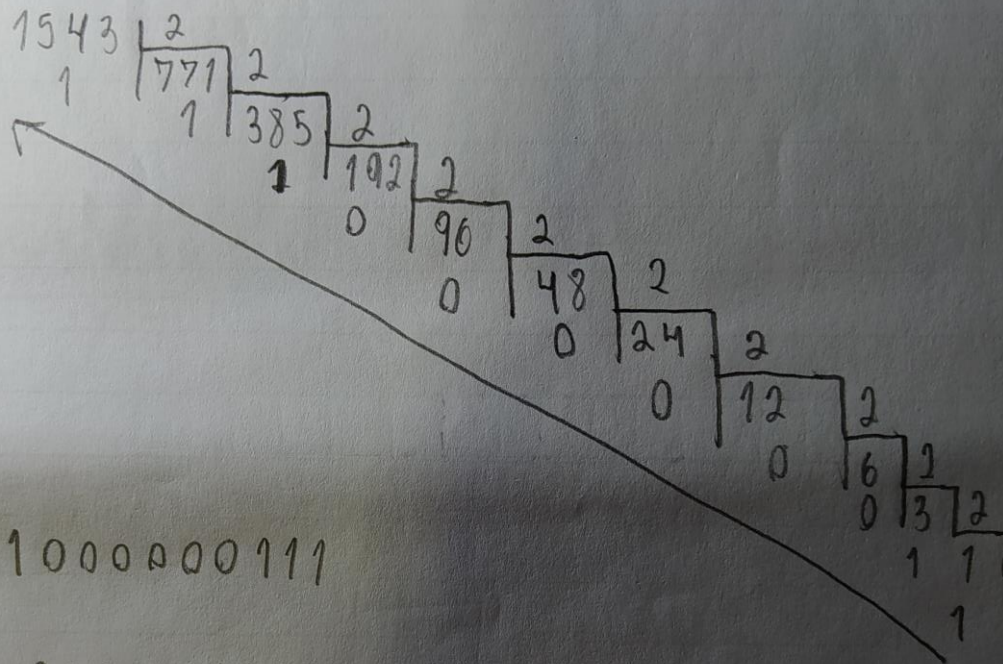
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2)  $(0954)_{10}$

$$\begin{array}{r} 6954 \mid 2 \\ \hline 0 \mid 9477 \mid 2 \\ \quad 1 \mid 1738 \mid 2 \\ \quad \quad 0 \mid 869 \mid 2 \\ \quad \quad \quad 1 \mid 434 \mid 2 \\ \quad \quad \quad \quad 0 \mid 217 \mid 2 \\ \quad \quad \quad \quad \quad 1 \mid 108 \end{array}$$

$$\begin{array}{r} 108 \mid 2 \\ \hline 0 \mid 54 \mid 2 \\ \quad 0 \mid 27 \mid 2 \\ \quad \quad 1 \mid 13 \mid 2 \\ \quad \quad \quad 1 \mid 6 \mid 2 \\ \quad \quad \quad \quad 0 \mid 3 \mid 2 \\ \quad \quad \quad \quad \quad 1 \mid 1 \mid 2 \\ \quad \quad \quad \quad \quad \quad 1 \mid 0 \end{array}$$

0	0	0	1	1	0	1	1	0	0	1	0	1	0	1	0
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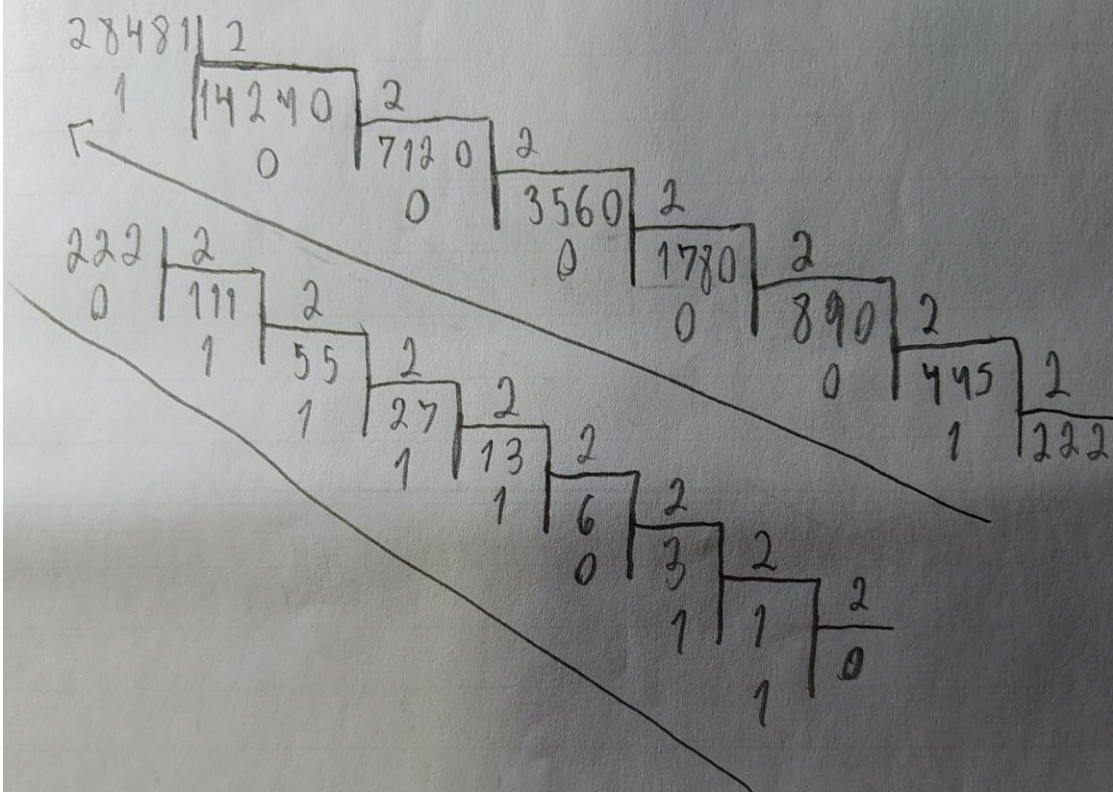
$$3) (-1543)_{10}$$


11000000111

0000011000000111  
 1111100111111000  
 +

$$111110011111001 = (-1543)_{10}$$

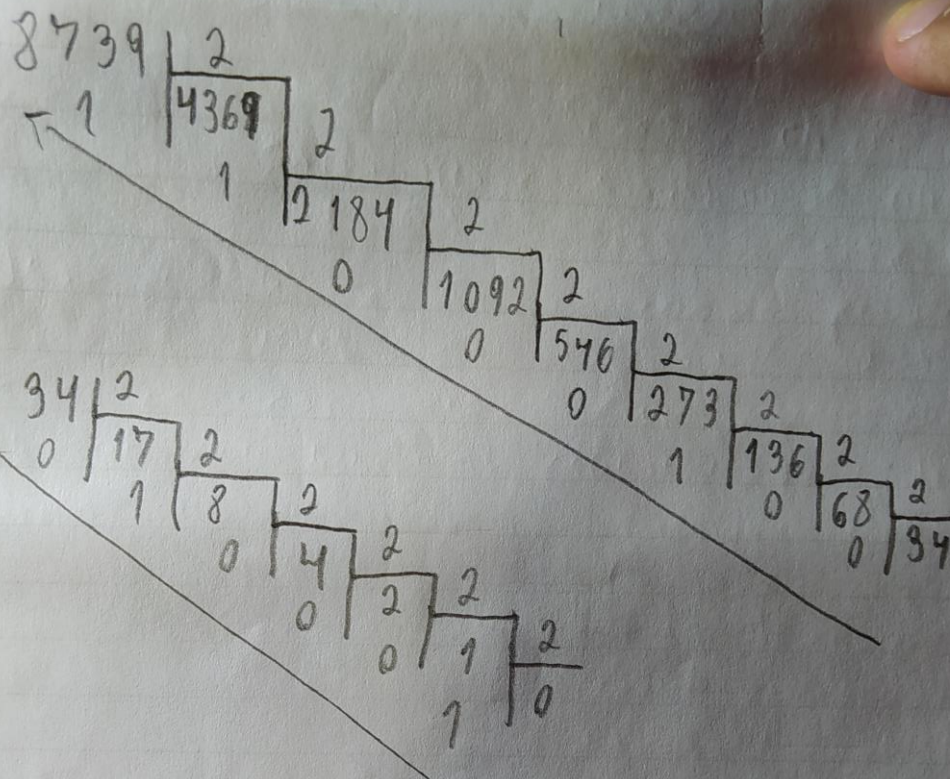
$$4) (28481)_{10}$$



$$(0110111101000001)_2 = (28481)_{10}$$



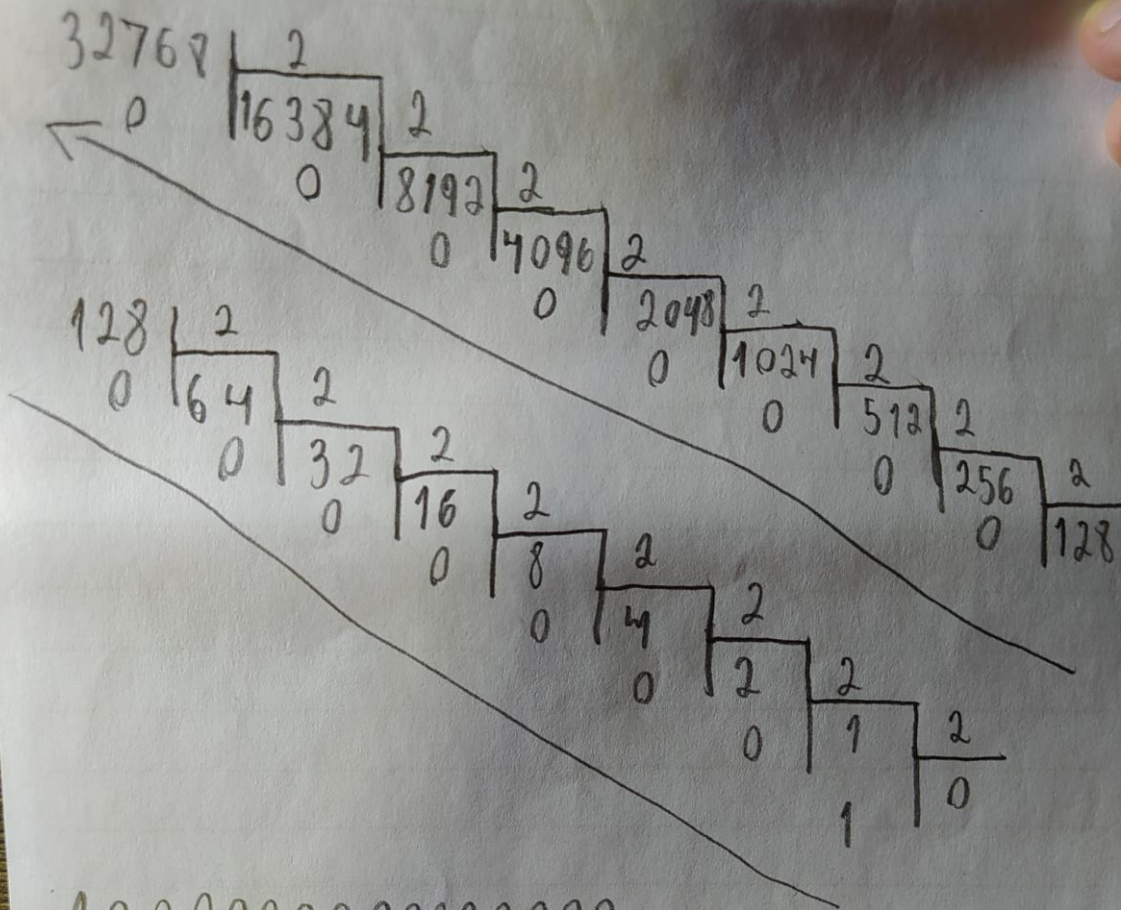
7) (-8739)



00100010 00100011  
 1011101 11011100  
 + 1

(1101110111011101)<sub>2</sub> = (-8739)<sub>2</sub>

$$6) (-32768)_{10}$$

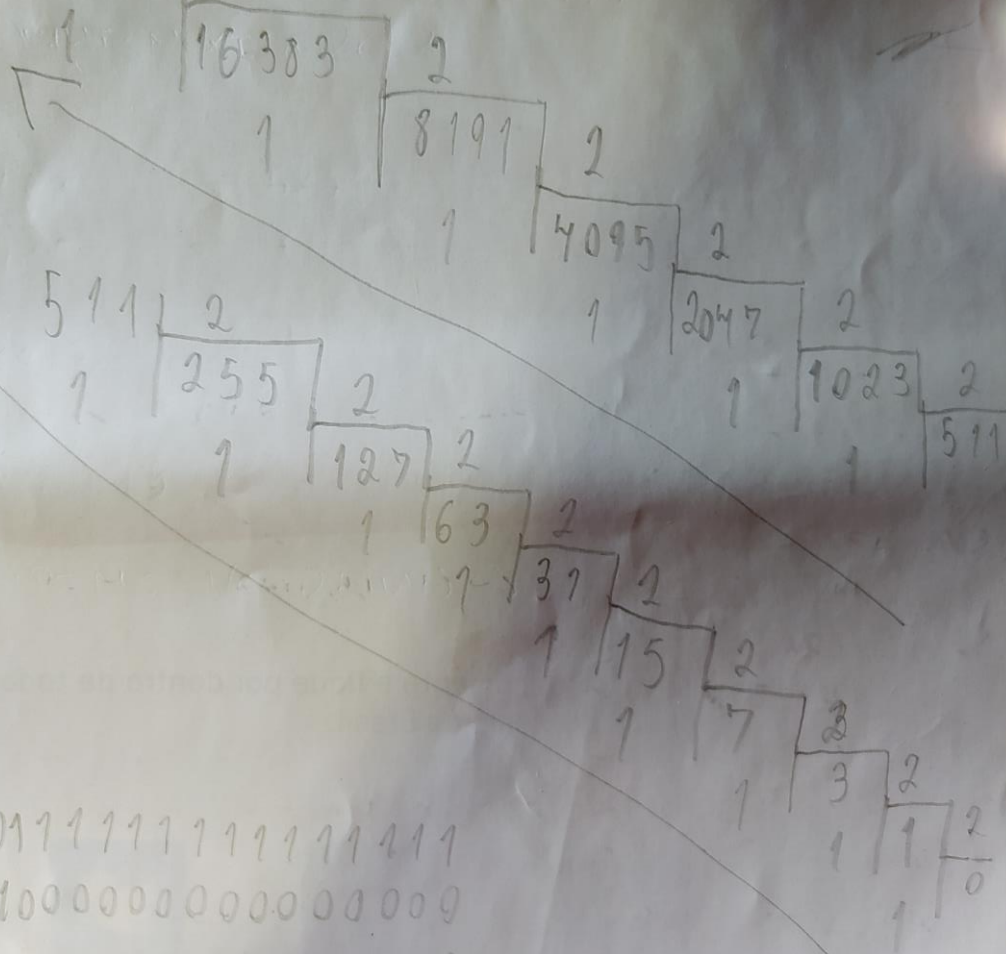


[illegible]

$$\frac{+}{(10000000000000000)_2} \quad \frac{1}{(-32768)_{10}}$$

8) (-32767)<sub>10</sub>

32767 | 102



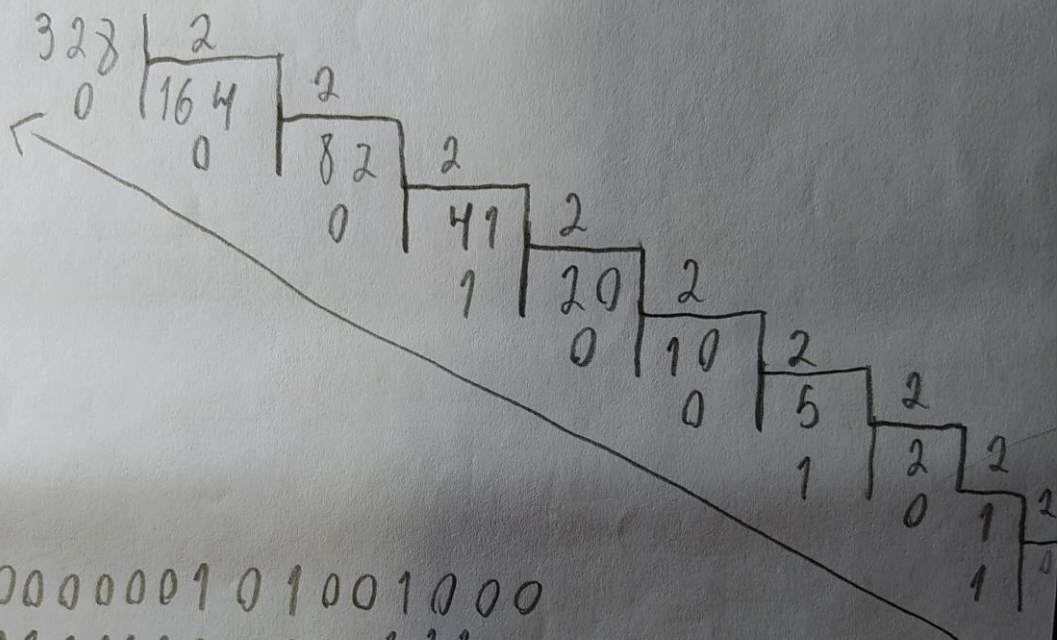
(0111111111111111)  
>10000000000000000

+

(100000000000000001)<sub>2</sub> (-32767)<sub>10</sub>



$$5) (-328)_{10}$$



$$\begin{array}{r}
 0000000101001000 \\
 1011111010110111 \\
 + \phantom{0000000000000000} 1
 \end{array}$$

$$(1111111010111000)_2 = (-328)_{10}$$