Zagara 1. a) DEC -> BIN 98(10) -> 01100010 56(10) -> 001111000 1000(10) -> [0|0|0|0|0|1|1|1|10|0|0|0|0| 14825(10)-> 01011111001111110101017 B, BIN - DEC 10(2) -> 10 -> 2.1+1.0 = 2(10) 11107(2) -> 1 1107 -> 16+8+4+1 = 29(10) 1010101010(2) -> 512 26 18 64 32 76 8 4 2 110101010101010 70 -> 512 +128 + 32 + 8 + 2 = 682 (10)c) DEC -> HEX $48_{(10)}$ —> 48:16 0 3:16 3-> 30(16) 156HO) -> 156:16 OCT: -> 9C (16) 9:16 9 1024(10) -> 1024:16 OCT -7 400 (16) 64:16 0 4:16 4

2020(10) -> 2020:16 \(\frac{\alpha_T}{4}\)
126:16 14 -> 7 FEY
7:16 7

F) BIN->HEX

$$110_{(2)} \rightarrow \tilde{1} \tilde{1} \tilde{0} \rightarrow 8_{(16)}$$
 $1100101_{(2)} \rightarrow \tilde{1} \tilde{1} \tilde{0} | \tilde{0} \tilde{1} \tilde{0} \tilde{1} \rightarrow 65_{(16)}$
 $10111010_{(2)} \rightarrow \tilde{1} | \tilde{0} | \tilde{0} \tilde{1} \tilde{1} \tilde{1} | \tilde{0} \tilde{1} \tilde{1} \tilde{0} \rightarrow 7 + 6_{(16)}$
 $111101_{(2)} \rightarrow \tilde{1} | \tilde{0} \tilde{1} \tilde{1} \tilde{0} \tilde{1} \rightarrow 30_{(16)}$

I) Troversa \rightarrow Tembermutria \overline{bC} $120_{(5)} \rightarrow 9^{3} \stackrel{1}{3} \stackrel{1}{0} \rightarrow 15_{(10)} \rightarrow 15:4 \stackrel{oct}{3} \rightarrow 33_{(4)}$ $10_{(3)} \rightarrow 3\stackrel{1}{0} \rightarrow 3_{(10)} \rightarrow 3:4 \stackrel{oct}{3} \rightarrow 3_{(4)}$ $2110_{(3)} \rightarrow 2^{24} \stackrel{9}{3} \stackrel{5}{0} \stackrel{7}{0} \rightarrow 66_{(10)} \rightarrow 66:4 \stackrel{oct}{2} \rightarrow 71002_{(4)}$ $16:4 \stackrel{6}{0}$ $4:4 \stackrel{7}{0}$ $110_{(3)} \rightarrow 1\stackrel{9}{0} \stackrel{3}{0} \stackrel{7}{0} \rightarrow 72_{(10)} \rightarrow 72:4 \stackrel{oct}{0} \rightarrow 30_{(4)}$