

2/

الف

$$r_9 \rightarrow 16 + 8 + 4 + 1 \rightarrow 011101$$

 $\xrightarrow{r_{10}}$

100011

+2

$$r_1 \rightarrow 16 + 4 + 1 \rightarrow 010101$$

 $\xrightarrow{r_{10}}$

101011

+2

$$r_9 + r_1 \rightarrow \begin{array}{cccc} 1 & 1 & 1 & 1 \\ 0 & 1 & 1 & 1 & 0 & 1 \\ 0 & 1 & 0 & 1 & 0 & 1 \end{array}$$

OV occurred

-1

+4

110010

$$-r_9 - r_1 \rightarrow -r_9 + (-r_1) \rightarrow \begin{array}{cccc} & 1 & 1 & \\ 1 & 0 & 0 & 0 & 1 & 1 \\ 1 & 0 & 1 & 0 & 1 & 1 \end{array}$$

101011

+4

001110

 \rightarrow النتيجة

+1

-2 because there is no solution

1) $11001001 \rightarrow 10001110$

+2

2) $11001001 \rightarrow 10101101$

+2

-2 because there is no solution

3) 11001001

+8

	P_1	P_2	P_3	P_4	d_0	d_1	d_2	P_1	d_3	d_4	d_5	d_6
$q \rightarrow$	(1)	(1)	1	(0)	1	0	0	(0)	1	0	0	1

4) 473406.12234

$100111011010000110.001010010011100$

-7

$(2V4\Delta, 293\Delta)_{10}$

5) 010101100111

$P_1 \quad P_2 \quad P_3 \quad P_4$

$\downarrow \quad \downarrow \quad \downarrow \quad \downarrow$

$\checkmark \quad \times \quad \checkmark \quad \times$

original data : 00110011

-1

$1111 \rightarrow d_0, d_1$

$\hookrightarrow 010101100011$

+7