

(4.4)

a)
$$\begin{array}{r} 0010\overset{1}{0}100 \\ + 01000100 \\ \hline 001101000 \end{array}$$
 $c=0$ $z=0$

b)
$$\begin{array}{r} \overset{1}{1}0\overset{1}{1}\overset{1}{1}\overset{1}{1}100 \\ + 01000100 \\ \hline 1000000000 \end{array}$$
 $c=1$ $z=1$

c)
$$\begin{array}{r} 1000000\overset{1}{0}1 \\ + 100000001 \\ \hline 1000000010 \end{array}$$
 $c=1$ $z=0$