

Convert the following

1. $101101010101_2 = \underline{\hspace{2cm}}_{16}$

6. $2587_{10} = \underline{\hspace{2cm}}_2$

2. $10111000110_2 = \underline{\hspace{2cm}}_8$

7. $1001110_2 = \underline{\hspace{2cm}}_{10}$

3. $AC6F9_{16} = \underline{\hspace{2cm}}_8$

8. $D897_{16} = \underline{\hspace{2cm}}_2$

4. $B07D9_{16} = \underline{\hspace{2cm}}_2$

9. $41657_8 = \underline{\hspace{2cm}}_{16}$

5. $102210_3 = \underline{\hspace{2cm}}_6$

10. $9A4_{12} = \underline{\hspace{2cm}}_6$

Add the following numbers:

1.
$$\begin{array}{r} \text{EBO8E} \\ + \text{7A34}_{16} \\ \hline \end{array}$$

2.
$$\begin{array}{r} 367750 \\ + 36434_8 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 101101011011 \\ + 10110110101_2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 3456 \\ 6543 \\ 4444 \\ 5172 \\ + 7777_8 \\ \hline \end{array}$$