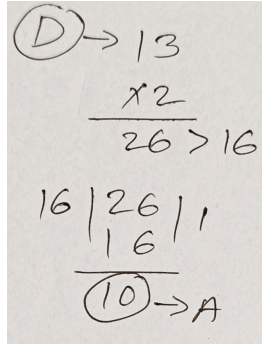
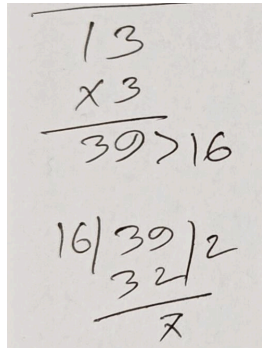
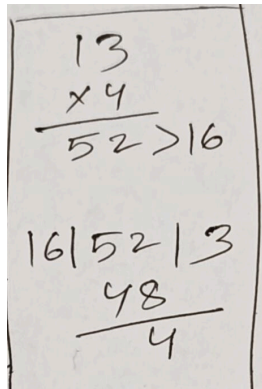


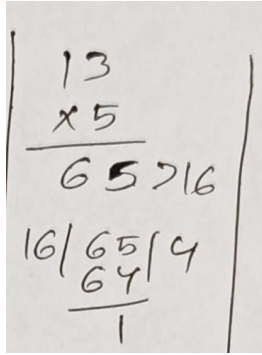
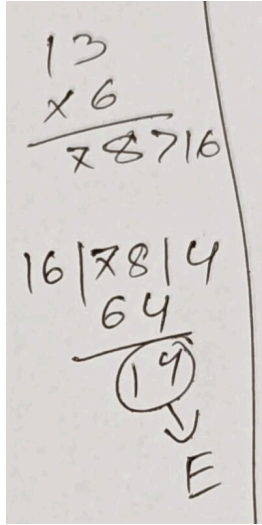
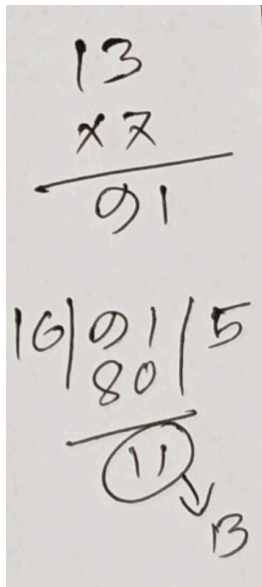
Divide $(ABC)_{16}$ by $(D)_{16}$

$$\begin{array}{r|l} D & A \ B \ C \\ \hline & 0 \\ \hline & A \ B \\ & - A \ 9 \\ \hline & 2 \ C \\ & - 2 \ 7 \\ \hline & 5 \end{array}$$

$(0D3) \rightarrow \text{Quo}$

$(5) \rightarrow \text{Rem.}$

Table	Explanation
$D \times 0 = 0$	0
$D \times 1 = D$	D
$D \times 2 = 1A$	 <p> $\textcircled{D} \rightarrow 13$ $\begin{array}{r} 13 \\ \times 2 \\ \hline 26 \end{array} > 16$ $16 \overline{)26} 1$ $\begin{array}{r} 16 \\ \hline 10 \end{array} \rightarrow A$ </p>
$D \times 3 = 27$	 <p> $\begin{array}{r} 13 \\ \times 3 \\ \hline 39 \end{array} > 16$ $16 \overline{)39} 2$ $\begin{array}{r} 32 \\ \hline 7 \end{array}$ </p>
$D \times 4 = 34$	 <p> $\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array} > 16$ $16 \overline{)52} 3$ $\begin{array}{r} 48 \\ \hline 4 \end{array}$ </p>

$D \times 5 = 41$	
$D \times 6 = 4E$	
$D \times 7 = 5B$	

$$D \times 8 = 68$$

$$\begin{array}{r} 13 \\ \times 8 \\ \hline 104 \end{array}$$

$$16 \overline{)104} \begin{array}{l} 6 \\ 96 \\ \hline 8 \end{array}$$

$$D \times 9 = 75$$

$$\begin{array}{r} 13 \\ \times 9 \\ \hline 117 \end{array}$$

$$16 \overline{)117} \begin{array}{l} 7 \\ 112 \\ \hline 5 \end{array}$$

$$D \times A = 82$$

$$\begin{array}{r} 13 \\ \times 10 \rightarrow A \\ \hline 130 \end{array}$$

$$16 \overline{)130} \begin{array}{l} 8 \\ 128 \\ \hline 2 \end{array}$$

$$D \times B = 8F$$

$$\begin{array}{r} 13 \\ \times 11 \rightarrow B \\ \hline 143 > 16 \end{array}$$

$$16 \overline{)143} \begin{array}{l} 8 \\ \hline 128 \\ \hline 15 \end{array}$$
 The remainder 15 is circled and labeled F.

$$D \times C = 9C$$

$$\begin{array}{r} 13 \\ \times 12 \rightarrow C \\ \hline 156 > 16 \end{array}$$

$$16 \overline{)156} \begin{array}{l} 9 \\ \hline 144 \\ \hline 12 \end{array}$$
 The remainder 12 is circled and labeled C.

$$D \times D = A9$$

$$\begin{array}{r} 13 \\ \times 13 \rightarrow D \\ \hline 169 > 16 \end{array}$$

$$16 \overline{)169} \begin{array}{l} 10 \\ \hline 160 \\ \hline 9 \end{array}$$
 The remainder 9 is circled and labeled A.

$$D \times E = B6$$

$$\begin{array}{r} 13 \\ \times 14 \rightarrow E \\ \hline 182 > 16 \\ 16 \overline{) 182} \text{ (11)} \rightarrow B \\ \underline{16} \\ 22 \\ \underline{16} \\ 6 \end{array}$$

$$D \times F = C3$$

$$\begin{array}{r} 13 \\ \times 15 \rightarrow F \\ \hline 195 > 16 \\ 16 \overline{) 195} \text{ (12)} \rightarrow C \\ \underline{16} \\ 35 \\ \underline{32} \\ 3 \end{array}$$