

1. (a)

C0FF3E

X 57AFF5

3C4FC36

B4EF4A2

B4EF4A2

789F86C

546FAB2

3C4FC36

^{1 1 2 3 3 4 2 2 1}
4 2 1 B 6 5 4 1 ^{übertrag} 8 5 6

(b)

$$\begin{array}{r} 24601357, \\ + 25574234, \\ \hline \text{inserting: } \begin{array}{cc} 11 & 11 \\ 52375613, \end{array} \end{array}$$

(c)

$$\begin{array}{r} DE1E7E_{15} \\ - ACCE55_{15} \\ \hline 314029 \end{array}$$

2. (a)

$$164791a405_{11} = \text{dead bea } 7_{16}$$

$$\therefore 164791a405_{11} / 15_{11} = 10a890714_{11} \text{ Rest } 7_{16}$$

$$10a890714_{11} / 15_{11} = 8268321_{11} \text{ Rest } a_{16}$$

$$8268321_{11} / 15_{11} = 5732a4_{11} \text{ Rest } e_{16}$$

$$5732a4_{11} / 15_{11} = 39913_{11} \text{ Rest } b_{16}$$

$$39913_{11} / 15_{11} = 2749_{11} \text{ Rest } d_{16}$$

$$2749_{11} / 15_{11} = 192_{11} \text{ Rest } a_{16}$$

$$192_{11} / 15_{11} = 12_{11} \text{ Rest } e_{16}$$

$$12_{11} / 15_{11} = 0_{11} \text{ Rest } d_{16}$$

$$\therefore 164791a405_{11} = \text{dead bea } 7_{16}$$