

(e) x/y

$$\begin{array}{r} 234.6 \\ + 156.7 \\ \hline 413.5 \end{array}$$

x-y

$$\begin{array}{r} 234.6 \\ - 156.7 \\ \hline 055.7 \end{array}$$

x/y

$$\begin{array}{r} 234.6 \\ \times 156.7 \\ \hline 21112 \\ 16544 \\ 14176 \\ 2346 \\ \hline 417435.2 \end{array}$$

scratch pad

$$\begin{array}{r} 6x7 = 52 \\ 4x7 = 34 \\ 3x7 = 25 \\ 2x7 = 16 \\ \hline 21112 \\ 44 \\ 30 \\ 22 \\ 14 \\ \hline 16544 \\ 36 \\ 24 \\ 17 \\ 12 \\ \hline 14176 \end{array}$$

x/y

$$\begin{array}{r} 156.7 \\ 1.3 \\ \hline 234.6 \\ 156.7 \\ \hline 55.70 \\ 51.45 \\ \hline 4.23 \end{array}$$

x+y

$$\begin{array}{r} 11 \\ 10F \\ + B6 \\ \hline 285 \end{array}$$

x-y

$$\begin{array}{r} 10F \\ - B6 \\ \hline 119 \end{array}$$

carry

1.7 (a)

x/y

$$\begin{array}{r} 10F \\ \times B6 \\ \hline ADA \\ 13E5 \\ \hline 1492A \end{array}$$

scratch pad

$$\begin{array}{r} Fx6 = (5A)_{16} \\ Cx6 = (48)_{16} \\ 1x6 = (6)_{16} \\ \hline ADA \\ Fx8 = (A5)_{16} \\ Cx8 = (84)_{16} \\ 1x8 = (B)_{16} \\ \hline 13E5 \end{array}$$

x/y

$$\begin{array}{r} B6 \\ \times F \\ \hline 10F \\ 185 \\ \hline 1A \end{array}$$

quotient

remainder

x/y

$$\begin{array}{r} 1859A \\ + C23 \\ \hline 1C18D \end{array}$$

x-y

$$\begin{array}{r} 1859A \\ - C23 \\ \hline 1A977 \end{array}$$

(p)

x*y

$$\begin{array}{r} 1859A \\ \times C23 \\ \hline 520CE \\ 36834 \\ 148338 \\ \hline 148F0C0E \end{array}$$

scratch pad

$$\begin{array}{r} Ax3 = 1E \\ 9x3 = 18 \\ 5x3 = F \\ Bx3 = 21 \\ 1x3 = 3 \\ \hline 520CE(P1) \\ 14 \\ 12 \\ A \\ 16 \\ 2 \\ \hline 36834(P2) \\ 78 \\ 6C \\ 3C \\ 84 \\ C \\ \hline 148338(P3) \end{array}$$

x/y

$$\begin{array}{r} 24 \\ 1859A \\ 1846 \\ 313A \\ 308C \\ \hline AE \end{array}$$

x+y

$$\begin{array}{r} B6 \\ + 10F \\ \hline 285 \end{array}$$

x-y

$$\begin{array}{r} B6 \\ - 10F \\ \hline 119 \end{array}$$

scratch pad

$$\begin{array}{r} B6 \\ \times 10F \\ \hline AAA \\ 888 \\ B6 \\ \hline 1492A \end{array}$$

hexadecimal

$$\begin{array}{r} 5A \\ A5 \\ \hline AAA(P1) \\ 48 \\ 84 \\ \hline 888(P2) \\ 6 \\ B \\ \hline B6(P3) \end{array}$$

(o)

x/y

$$\begin{array}{r} 10F \\ \times B6 \\ \hline 0 \\ B6 \\ \hline 0 \end{array}$$

quotient

remainder