

# Operations with Quaternary Numbers (E)

Calculate each answer.

$$\begin{array}{r} 3121_4 \\ \times 31_4 \\ \hline \end{array}$$

$$11_4 \overline{)33313_4}$$

$$\begin{array}{r} 3013_4 \\ - 1033_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10103_4 \\ - 3011_4 \\ \hline \end{array}$$

$$20_4 \overline{)100020_4}$$

$$\begin{array}{r} 3310_4 \\ \times 13_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1130_4 \\ \times 10_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3313_4 \\ \times 22_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1223_4 \\ + 2133_4 \\ \hline \end{array}$$

$$32_4 \overline{)231232_4}$$

$$\begin{array}{r} 1002_4 \\ + 301_4 \\ \hline \end{array}$$

$$21_4 \overline{)113133_4}$$

$$\begin{array}{r} 3230_4 \\ - 1132_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_4 \\ + 212_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3302_4 \\ + 2323_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2332_4 \\ \times 13_4 \\ \hline \end{array}$$

$$\begin{array}{r} 12220_4 \\ - 2323_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3012_4 \\ \times 32_4 \\ \hline \end{array}$$

$$\begin{array}{r} 313_4 \\ \times 20_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2211_4 \\ + 3030_4 \\ \hline \end{array}$$