

Operations with Quaternary Numbers (F)

Calculate each answer.

$$\begin{array}{r} 3113_4 \\ - 2103_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3012_4 \\ + 1201_4 \\ \hline \end{array}$$

$$\begin{array}{r} 10320_4 \\ - 2333_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_4 \\ + 2212_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1033_4 \\ + 2232_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3323_4 \\ + 1023_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3211_4 \\ + 3031_4 \\ \hline \end{array}$$

$$\begin{array}{r} 11221_4 \\ - 2223_4 \\ \hline \end{array}$$

$$\begin{array}{r} 3002_4 \\ \times 32_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_4 \\ \times 32_4 \\ \hline \end{array}$$

$$11_4 \overline{)3223_4}$$

$$2_4 \overline{)1102_4}$$

$$\begin{array}{r} 2332_4 \\ + 2031_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_4 \\ + 3333_4 \\ \hline \end{array}$$

$$\begin{array}{r} 2320_4 \\ + 222_4 \\ \hline \end{array}$$

$$\begin{array}{r} 1323_4 \\ + 2322_4 \\ \hline \end{array}$$

$$22_4 \overline{)202120_4}$$

$$\begin{array}{r} 2012_4 \\ + 1220_4 \\ \hline \end{array}$$

$$2_4 \overline{)2210_4}$$

$$\begin{array}{r} 2002_4 \\ \times 12_4 \\ \hline \end{array}$$