

Adding Ternary Numbers (A)

Calculate each sum.

$$\begin{array}{r} 2110_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 1021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 2001_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 2021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1111_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2000_3 \\ + 1000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2100_3 \\ + 2211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1011_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 2201_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 2102_3 \\ \hline \end{array}$$

Adding Ternary Numbers (A) Answers

Calculate each sum.

$$\begin{array}{r} 2110_3 \\ + 1220_3 \\ \hline 11100_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1011_3 \\ \hline 2021_3 \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 2122_3 \\ \hline 12111_3 \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1002_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 1021_3 \\ \hline 2022_3 \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 2001_3 \\ \hline 11122_3 \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 2021_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 2000_3 \\ \hline 10111_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1111_3 \\ \hline 2211_3 \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2000_3 \\ \hline 11201_3 \end{array}$$

$$\begin{array}{r} 2000_3 \\ + 1000_3 \\ \hline 10000_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2221_3 \\ \hline 11112_3 \end{array}$$

$$\begin{array}{r} 2100_3 \\ + 2211_3 \\ \hline 12011_3 \end{array}$$

$$\begin{array}{r} 1011_3 \\ + 2121_3 \\ \hline 10202_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 2000_3 \\ \hline 10010_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1122_3 \\ \hline 11112_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2012_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2012_3 \\ \hline 10112_3 \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 2201_3 \\ \hline 11011_3 \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 2102_3 \\ \hline 11002_3 \end{array}$$

Adding Ternary Numbers (B)

Calculate each sum.

$$\begin{array}{r} 2010_3 \\ + 2222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1122_3 \\ + 2021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1112_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1211_3 \\ + 2002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2200_3 \\ + 1020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1202_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 2100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 2200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2122_3 \\ + 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1020_3 \\ \hline \end{array}$$

Adding Ternary Numbers (B) Answers

Calculate each sum.

$$\begin{array}{r} 2010_3 \\ + 2222_3 \\ \hline 12002_3 \end{array}$$

$$\begin{array}{r} 1122_3 \\ + 2021_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2100_3 \\ \hline 11001_3 \end{array}$$

$$\begin{array}{r} 1112_3 \\ + 1122_3 \\ \hline 10011_3 \end{array}$$

$$\begin{array}{r} 1211_3 \\ + 2002_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 2122_3 \\ \hline 11120_3 \end{array}$$

$$\begin{array}{r} 2200_3 \\ + 1020_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1202_3 \\ \hline 11122_3 \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1221_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1010_3 \\ \hline 10102_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 1222_3 \\ \hline 10112_3 \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 2100_3 \\ \hline 10101_3 \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 2101_3 \\ \hline 11222_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 1220_3 \\ \hline 10110_3 \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1022_3 \\ \hline 10101_3 \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 2200_3 \\ \hline 12020_3 \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1121_3 \\ \hline 11120_3 \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1022_3 \\ \hline 10212_3 \end{array}$$

$$\begin{array}{r} 2122_3 \\ + 1012_3 \\ \hline 10211_3 \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1020_3 \\ \hline 10021_3 \end{array}$$

Adding Ternary Numbers (C)

Calculate each sum.

$$\begin{array}{r} 1002_3 \\ + 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 1111_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2112_3 \\ + 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1212_3 \\ + 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 1210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2110_3 \\ + 2001_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 2001_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2202_3 \\ \hline \end{array}$$

Adding Ternary Numbers (C) Answers

Calculate each sum.

$$\begin{array}{r} 1002_3 \\ + 2212_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 2102_3 \\ \hline 12022_3 \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 1111_3 \\ \hline 11102_3 \end{array}$$

$$\begin{array}{r} 2112_3 \\ + 2212_3 \\ \hline 12101_3 \end{array}$$

$$\begin{array}{r} 1212_3 \\ + 1012_3 \\ \hline 10001_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1122_3 \\ \hline 10121_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2121_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2211_3 \\ \hline 11221_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2122_3 \\ \hline 11221_3 \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2220_3 \\ \hline 11011_3 \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 1210_3 \\ \hline 10012_3 \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1120_3 \\ \hline 11022_3 \end{array}$$

$$\begin{array}{r} 2110_3 \\ + 2001_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2012_3 \\ \hline 10111_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2220_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2121_3 \\ \hline 12022_3 \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1200_3 \\ \hline 10201_3 \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 2001_3 \\ \hline 11210_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2101_3 \\ \hline 10202_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2202_3 \\ \hline 11201_3 \end{array}$$

Adding Ternary Numbers (D)

Calculate each sum.

$$\begin{array}{r} 2102_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 1111_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 1211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2021_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2112_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 2210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 1101_3 \\ \hline \end{array}$$

Adding Ternary Numbers (D) Answers

Calculate each sum.

$$\begin{array}{r} 2102_3 \\ + 1112_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 1101_3 \\ \hline 11010_3 \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 1111_3 \\ \hline 2120_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 2210_3 \\ \hline 12002_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 1222_3 \\ \hline 10100_3 \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 2122_3 \\ \hline 11201_3 \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 1112_3 \\ \hline 10110_3 \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 1211_3 \\ \hline 10111_3 \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1020_3 \\ \hline 10022_3 \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 2120_3 \\ \hline 11000_3 \end{array}$$

$$\begin{array}{r} 2021_3 \\ + 2121_3 \\ \hline 11212_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2120_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2002_3 \\ \hline 12000_3 \end{array}$$

$$\begin{array}{r} 2112_3 \\ + 2101_3 \\ \hline 11220_3 \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 1200_3 \\ \hline 10002_3 \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2112_3 \\ \hline 11021_3 \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 2210_3 \\ \hline 10212_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 1012_3 \\ \hline 10121_3 \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 1222_3 \\ \hline 10021_3 \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 1101_3 \\ \hline 10121_3 \end{array}$$

Adding Ternary Numbers (E)

Calculate each sum.

$$\begin{array}{r} 2022_3 \\ + 2022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 1121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 2010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1211_3 \\ + 1211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 1212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 1021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 1201_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1202_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1111_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1110_3 \\ \hline \end{array}$$

Adding Ternary Numbers (E) Answers

Calculate each sum.

$$\begin{array}{r} 2022_3 \\ + 2022_3 \\ \hline 11121_3 \end{array}$$

$$\begin{array}{r} 1001_3 \\ + 2220_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2011_3 \\ \hline 10112_3 \end{array}$$

$$\begin{array}{r} 2121_3 \\ + 1121_3 \\ \hline 11012_3 \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 2010_3 \\ \hline 10010_3 \end{array}$$

$$\begin{array}{r} 1211_3 \\ + 1211_3 \\ \hline 10122_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 1212_3 \\ \hline 10020_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 1220_3 \\ \hline 11000_3 \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 1021_3 \\ \hline 2201_3 \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1112_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 1201_3 \\ \hline 2201_3 \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1101_3 \\ \hline 11100_3 \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 1200_3 \\ \hline 11001_3 \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2112_3 \\ \hline 10210_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2102_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 2001_3 \\ + 1202_3 \\ \hline 10210_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1111_3 \\ \hline 10110_3 \end{array}$$

$$\begin{array}{r} 1000_3 \\ + 2101_3 \\ \hline 10101_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2121_3 \\ \hline 11120_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1110_3 \\ \hline 10202_3 \end{array}$$

Adding Ternary Numbers (F)

Calculate each sum.

$$\begin{array}{r} 2102_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2011_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1001_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1210_3 \\ + 2011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 2121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1122_3 \\ \hline \end{array}$$

Adding Ternary Numbers (F) Answers

Calculate each sum.

$$\begin{array}{r} 2102_3 \\ + 2121_3 \\ \hline 12000_3 \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2012_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 1220_3 \\ \hline 11000_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1122_3 \\ \hline 2222_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2220_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2010_3 \\ \hline 10112_3 \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1221_3 \\ \hline 11210_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1012_3 \\ \hline 11002_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2122_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2200_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 1002_3 \\ \hline 11001_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2120_3 \\ \hline 11011_3 \end{array}$$

$$\begin{array}{r} 2011_3 \\ + 1222_3 \\ \hline 11010_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2220_3 \\ \hline 11021_3 \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 1200_3 \\ \hline 10011_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1001_3 \\ \hline 2011_3 \end{array}$$

$$\begin{array}{r} 1210_3 \\ + 2011_3 \\ \hline 10221_3 \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 2121_3 \\ \hline 12002_3 \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2010_3 \\ \hline 12001_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1122_3 \\ \hline 2222_3 \end{array}$$

Adding Ternary Numbers (G)

Calculate each sum.

$$\begin{array}{r} 2211_3 \\ + 1100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 2100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 1121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 2202_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 1121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 2020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2002_3 \\ \hline \end{array}$$

Adding Ternary Numbers (G) Answers

Calculate each sum.

$$\begin{array}{r} 2211_3 \\ + 1100_3 \\ \hline 11011_3 \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 2100_3 \\ \hline 10120_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2122_3 \\ \hline 11202_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2221_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 1021_3 \\ + 2120_3 \\ \hline 10211_3 \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 1121_3 \\ \hline 2211_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 2202_3 \\ \hline 12122_3 \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2100_3 \\ \hline 10202_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2101_3 \\ \hline 11210_3 \end{array}$$

$$\begin{array}{r} 1202_3 \\ + 2022_3 \\ \hline 11001_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1120_3 \\ \hline 2200_3 \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 1121_3 \\ \hline 10111_3 \end{array}$$

$$\begin{array}{r} 2020_3 \\ + 2020_3 \\ \hline 11110_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2000_3 \\ \hline 11010_3 \end{array}$$

$$\begin{array}{r} 2022_3 \\ + 1210_3 \\ \hline 11002_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1022_3 \\ \hline 11012_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 1122_3 \\ \hline 10020_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 2000_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1112_3 \\ \hline 2122_3 \end{array}$$

$$\begin{array}{r} 2010_3 \\ + 2002_3 \\ \hline 11012_3 \end{array}$$

Adding Ternary Numbers (H)

Calculate each sum.

$$\begin{array}{r} 2000_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 2200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1012_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2000_3 \\ + 1220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 1010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2002_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2211_3 \\ + 2210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2100_3 \\ + 2201_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1010_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 2110_3 \\ \hline \end{array}$$

Adding Ternary Numbers (H) Answers

Calculate each sum.

$$\begin{array}{r} 2000_3 \\ + 2012_3 \\ \hline 11012_3 \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 2200_3 \\ \hline 12001_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2101_3 \\ \hline 11210_3 \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2120_3 \\ \hline 11110_3 \end{array}$$

$$\begin{array}{r} 1101_3 \\ + 2022_3 \\ \hline 10200_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 1220_3 \\ \hline 11022_3 \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1100_3 \\ \hline 11012_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 1011_3 \\ \hline 2111_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2200_3 \\ \hline 11020_3 \end{array}$$

$$\begin{array}{r} 1012_3 \\ + 2102_3 \\ \hline 10121_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2022_3 \\ \hline 11201_3 \end{array}$$

$$\begin{array}{r} 2000_3 \\ + 1220_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 1010_3 \\ \hline 2121_3 \end{array}$$

$$\begin{array}{r} 2201_3 \\ + 2002_3 \\ \hline 11210_3 \end{array}$$

$$\begin{array}{r} 2102_3 \\ + 2020_3 \\ \hline 11122_3 \end{array}$$

$$\begin{array}{r} 2211_3 \\ + 2210_3 \\ \hline 12121_3 \end{array}$$

$$\begin{array}{r} 2100_3 \\ + 2201_3 \\ \hline 12001_3 \end{array}$$

$$\begin{array}{r} 1111_3 \\ + 2220_3 \\ \hline 11101_3 \end{array}$$

$$\begin{array}{r} 2212_3 \\ + 1010_3 \\ \hline 10222_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 2110_3 \\ \hline 10120_3 \end{array}$$

Adding Ternary Numbers (I)

Calculate each sum.

$$\begin{array}{r} 1222_3 \\ + 1020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2201_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2020_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 1120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2022_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1000_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2021_3 \\ + 2210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 1221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2211_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2202_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 1100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 2021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2211_3 \\ + 1121_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2100_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2200_3 \\ + 2202_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 2221_3 \\ \hline \end{array}$$

Adding Ternary Numbers (I) Answers

Calculate each sum.

$$\begin{array}{r} 1222_3 \\ + 1020_3 \\ \hline 10012_3 \end{array}$$

$$\begin{array}{r} 1100_3 \\ + 2112_3 \\ \hline 10212_3 \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2201_3 \\ \hline 11102_3 \end{array}$$

$$\begin{array}{r} 1102_3 \\ + 2020_3 \\ \hline 10122_3 \end{array}$$

$$\begin{array}{r} 2222_3 \\ + 2212_3 \\ \hline 12211_3 \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 1120_3 \\ \hline 2122_3 \end{array}$$

$$\begin{array}{r} 1121_3 \\ + 2022_3 \\ \hline 10220_3 \end{array}$$

$$\begin{array}{r} 1222_3 \\ + 1000_3 \\ \hline 2222_3 \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2221_3 \\ \hline 11122_3 \end{array}$$

$$\begin{array}{r} 2021_3 \\ + 2210_3 \\ \hline 12001_3 \end{array}$$

$$\begin{array}{r} 1110_3 \\ + 1221_3 \\ \hline 10101_3 \end{array}$$

$$\begin{array}{r} 1220_3 \\ + 2102_3 \\ \hline 11022_3 \end{array}$$

$$\begin{array}{r} 2221_3 \\ + 2211_3 \\ \hline 12202_3 \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 2202_3 \\ \hline 11110_3 \end{array}$$

$$\begin{array}{r} 2101_3 \\ + 1100_3 \\ \hline 10201_3 \end{array}$$

$$\begin{array}{r} 1020_3 \\ + 2021_3 \\ \hline 10111_3 \end{array}$$

$$\begin{array}{r} 2211_3 \\ + 1121_3 \\ \hline 11102_3 \end{array}$$

$$\begin{array}{r} 1022_3 \\ + 2100_3 \\ \hline 10122_3 \end{array}$$

$$\begin{array}{r} 2200_3 \\ + 2202_3 \\ \hline 12102_3 \end{array}$$

$$\begin{array}{r} 1002_3 \\ + 2221_3 \\ \hline 11000_3 \end{array}$$

Adding Ternary Numbers (J)

Calculate each sum.

$$\begin{array}{r} 1111_3 \\ + 2222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2110_3 \\ + 2212_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1122_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1210_3 \\ + 1011_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 1012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1120_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1011_3 \\ + 1101_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1212_3 \\ + 1021_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 1222_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2012_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 2012_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2012_3 \\ + 2210_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 2220_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2221_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1200_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1112_3 \\ \hline \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1102_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 1201_3 \\ \hline \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 2202_3 \\ \hline \end{array}$$

Adding Ternary Numbers (J) Answers

Calculate each sum.

$$\begin{array}{r} 1111_3 \\ + 2222_3 \\ \hline 11110_3 \end{array}$$

$$\begin{array}{r} 2110_3 \\ + 2212_3 \\ \hline 12022_3 \end{array}$$

$$\begin{array}{r} 1221_3 \\ + 1122_3 \\ \hline 10120_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1122_3 \\ \hline 2202_3 \end{array}$$

$$\begin{array}{r} 1210_3 \\ + 1011_3 \\ \hline 2221_3 \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 1012_3 \\ \hline 10200_3 \end{array}$$

$$\begin{array}{r} 1010_3 \\ + 1120_3 \\ \hline 2200_3 \end{array}$$

$$\begin{array}{r} 1011_3 \\ + 1101_3 \\ \hline 2112_3 \end{array}$$

$$\begin{array}{r} 1212_3 \\ + 1021_3 \\ \hline 10010_3 \end{array}$$

$$\begin{array}{r} 1201_3 \\ + 1222_3 \\ \hline 10200_3 \end{array}$$

$$\begin{array}{r} 2012_3 \\ + 2012_3 \\ \hline 11101_3 \end{array}$$

$$\begin{array}{r} 2202_3 \\ + 2012_3 \\ \hline 11221_3 \end{array}$$

$$\begin{array}{r} 2012_3 \\ + 2210_3 \\ \hline 11222_3 \end{array}$$

$$\begin{array}{r} 2111_3 \\ + 2220_3 \\ \hline 12101_3 \end{array}$$

$$\begin{array}{r} 1120_3 \\ + 2221_3 \\ \hline 11111_3 \end{array}$$

$$\begin{array}{r} 2002_3 \\ + 1200_3 \\ \hline 10202_3 \end{array}$$

$$\begin{array}{r} 2120_3 \\ + 1112_3 \\ \hline 11002_3 \end{array}$$

$$\begin{array}{r} 2220_3 \\ + 1102_3 \\ \hline 11022_3 \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 1201_3 \\ \hline 10101_3 \end{array}$$

$$\begin{array}{r} 1200_3 \\ + 2202_3 \\ \hline 11102_3 \end{array}$$