

Math Sheet

Name _____ Score _____ / 16 Teacher _____ Date _____

Binary Addition and Subtraction

Calculate each value in the stated number base.

1.
$$\begin{array}{r} 1\ 0\ 1\ 0_2 \\ +\ 1\ 0\ 0\ 1_2 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 1\ 0\ 1\ 0\ 0_2 \\ +\ 1\ 0\ 1\ 1\ 1_2 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 1\ 1\ 1\ 1_2 \\ -\ 1\ 1\ 0\ 1_2 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 1\ 1\ 0\ 1\ 0_2 \\ +\ 1\ 0\ 0\ 0_2 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 1\ 0\ 0\ 1\ 1_2 \\ -\ 1\ 1\ 0\ 0_2 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 1\ 1\ 0\ 0_2 \\ +\ 1\ 0\ 0\ 1\ 1_2 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1\ 0\ 1\ 1\ 0_2 \\ -\ 1\ 0\ 1\ 1_2 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 1\ 1\ 0\ 1\ 1_2 \\ -\ 1\ 1\ 1\ 0_2 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 1\ 0\ 0\ 1\ 0_2 \\ +\ 1\ 0\ 1\ 0_2 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 1\ 1\ 0\ 0_2 \\ +\ 1\ 0\ 0\ 1_2 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 1\ 1\ 0\ 0\ 0_2 \\ -\ 1\ 0\ 1\ 1_2 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 1\ 0\ 1\ 1\ 1_2 \\ -\ 1\ 1\ 1\ 0_2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 1\ 0\ 0\ 1\ 0_2 \\ +\ 1\ 0\ 0\ 1\ 1_2 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 1\ 0\ 1\ 0\ 1_2 \\ -\ 1\ 0\ 0\ 1_2 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 1\ 1\ 1\ 1\ 1_2 \\ -\ 1\ 1\ 1\ 0\ 0_2 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 1\ 0\ 1\ 0\ 0_2 \\ +\ 1\ 0\ 0\ 0\ 0_2 \\ \hline \end{array}$$