

$$\begin{array}{r}
 15 \mid 2 \\
 1 \mid 7 \mid 2 \\
 1 \mid 3 \mid 2 \\
 1 \mid 1 \mid 2 \\
 1 \mid 0
 \end{array}$$

$$\rightarrow 15_{(10)} (=) 1111_{(2)}$$

$$\begin{array}{r}
 25 \mid 2 \\
 1 \mid 12 \mid 2 \\
 0 \mid 6 \mid 2 \\
 0 \mid 3 \mid 2 \\
 1 \mid 1 \mid 2 \\
 1 \mid 0
 \end{array}$$

$$\rightarrow 25_{(10)} \Leftrightarrow 11001_{(2)}$$

$$\begin{array}{r}
 56 \mid 2 \\
 0 \mid 28 \mid 2 \\
 0 \mid 14 \mid 2 \\
 0 \mid 7 \mid 2 \\
 1 \mid 3 \mid 2 \\
 1 \mid 1 \mid 2 \\
 1 \mid 0
 \end{array}$$

$$\rightarrow 56_{(10)} (=) 111000_{(2)}$$

$$\begin{array}{r}
 99 \mid 2 \\
 1 \mid 49 \mid 2 \\
 1 \mid 24 \mid 2 \\
 0 \mid 12 \mid 2 \\
 0 \mid 6 \mid 2 \\
 0 \mid 3 \mid 2 \\
 1 \mid 1 \mid 2 \\
 1 \mid 0
 \end{array}$$

$$\rightarrow 99_{(10)} \Leftrightarrow 1100011_{(2)}$$

$$\begin{array}{r}
 1024 \mid 2 \\
 0 \mid 512 \mid 2 \\
 0 \mid 256 \mid 2 \\
 0 \mid 128 \mid 2 \\
 0 \mid 64 \mid 2 \\
 0 \mid 32 \mid 2 \\
 0 \mid 16 \mid 2 \\
 0 \mid 8 \mid 2 \\
 0 \mid 4 \mid 2 \\
 0 \mid 2 \mid 2 \\
 1
 \end{array}$$

$$\begin{array}{r}
 1 \mid 2 \\
 1 \mid 0
 \end{array}$$

$$\rightarrow 1024_{(10)} \Leftrightarrow 100000000_{(2)}$$

