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Converting Decimal to Binary

112

| 2^6 | 2^5 | 2^4 | 2^3 | 2^2 | 2^1 | 2^0 |
|-------|-------|-------|-------|-------|-------|-------|
| 64 | 32 | 16 | 8 | 4 | 2 | 1 |
| 1 | 1 | 1 | 0 | 0 | 0 | 0 |

$$\begin{array}{r}
 112 \\
 64 \\
 \hline
 48 \\
 32 \\
 \hline
 16 \\
 16 \\
 \hline
 0
 \end{array}$$

Binary Result of
 $112 = 1110000$