Find the binary multiplication of 101 and 11,

First we multiply 101 by 1, which produces 101. Then we put a 0 as a placeholder as we would in decimal multiplication, and multiply 101 by 1, which produces 101.

$$\begin{array}{c}
101 \\
\times 11 \\
\hline
101 \\
10 \boxed{\bigcirc} \rightarrow \text{Place holder}
\end{array}$$

The next step is to add. The result(s) from our previous step indicates that we must add 101 and 1010, the sum of which is 1111.