Express $2^{int}$ without using exponentiation. You may introduce auxiliary names.

After trying the question, scroll down to the solution.
§ Where

1. \( P \times 2 \), \( P/2 \): \( P \)

1. \( B \times 2 \), \( B/2 \): \( B \Rightarrow P \): \( B \)