







Enter the commutator:
$$[a, b] = aba^{-1}b^{-1}$$

 $a1a^{-1}1^{-1} = 1$

Picture:





 $\left[\left[a, b \right], c \right] = \left[a, b \right] c \left[a, b \right]^{-4} c^{-4} = aba^{-4} b^{-1} c bab^{-4} a^{-4}$

This works:

$$\begin{bmatrix} [1, b], c \end{bmatrix} = \begin{bmatrix} 1, c \end{bmatrix} = 1$$
$$\begin{bmatrix} [a, b], c \end{bmatrix} = \begin{bmatrix} 1, c \end{bmatrix} = 1$$
$$\begin{bmatrix} [a, b], c \end{bmatrix} = \begin{bmatrix} 1, c \end{bmatrix} = 1$$
$$\begin{bmatrix} [a, b], 1 \end{bmatrix} = 1$$

How this would look like .



... and back to links :



Brunnian link with 4 components

In the exercises: you will find Brunnian finks yourselves!