Let $X_H$ denote the number of copies of a fixed graph $H$ in the random graph $G(n, p)$. The problem of determining the upper tail of $X_H$ has been well-studied by combinatorialists and probabilists alike. We examine the case where $H$ is an $l$-cycle, showing that $\Pr(X_H > (1 + \epsilon)\mathbb{E}[X_H]) < \exp[-C_{\epsilon,l} \min\{n^2p^2\log(1/p), n^l p^l\}]$. (Received January 23, 2019)