DFT Coefficients Exercise

Define the coefficients of the discrete Fourier series for the sequence with periods $N_1 = 5$ and $N_2 = 4$, which is described by:

$$\tilde{x}(n_1, n_2) = \delta(n_1, n_2),\ 0 \leq n_1 < 5,\ 0 \leq n_2 < 4$$