9. (10 pts.) Graph at least one full period of the function

\[ f(x) = 2 \cos 2(x - \pi/4) \]

Label the axes so that roots, period, phase shift and amplitude are clear.

\[ \text{Period} = \frac{2\pi}{2} = \pi \]

\[ \text{Shift} = \frac{\pi}{4} \]