Some interesting formulae to try out:

- $z_{n+1} = e^{z_n^2 e^{i\varphi}} + c$
- $z_{n+1} = \left(\frac{1}{z_n^2 - e^{i\varphi}}\right)^2 + c$
- $z_{n+1} = \tan(z_n^2 e^{i\varphi}) + c$
- $z_{n+1} = (z_n^2 - e^{i\varphi})^3 + c$