Other Problems

Given the following circuits, find $C_{EQ}$ and $L_{EQ}$ between the open terminals a and b by reducing using parallel and series equivalents.

Given:

Circuit 1:
- $C_1 = 6 \, \mu F$
- $C_2 = 12 \, \mu F$
- $C_3 = 12 \, \mu F$
- $C_4 = 6 \, \mu F$
- $C_5 = 6 \, \mu F$

Circuit 2:
- $L_1 = 6 \, mH$
- $L_2 = 12 \, mH$
- $L_3 = 3 \, mH$
- $L_4 = 6 \, mH$
- $L_5 = 6 \, mH$