1. Identify the impedances:

Z1…

Z2…

Z3…

1. Evaluate their nominal values:

L=

C=

R=

1. Measure the circuit values for parallel RC circuit:

U=

I=

IC=

IL=

1. Draw a phasor diagram for point 3:
2. Measure the circuit values for serial LC circuit:

U=

I=

UC=

UL

1. Draw a phasor diagram for point 4:
2. Build your own coil and answer the question for it.