

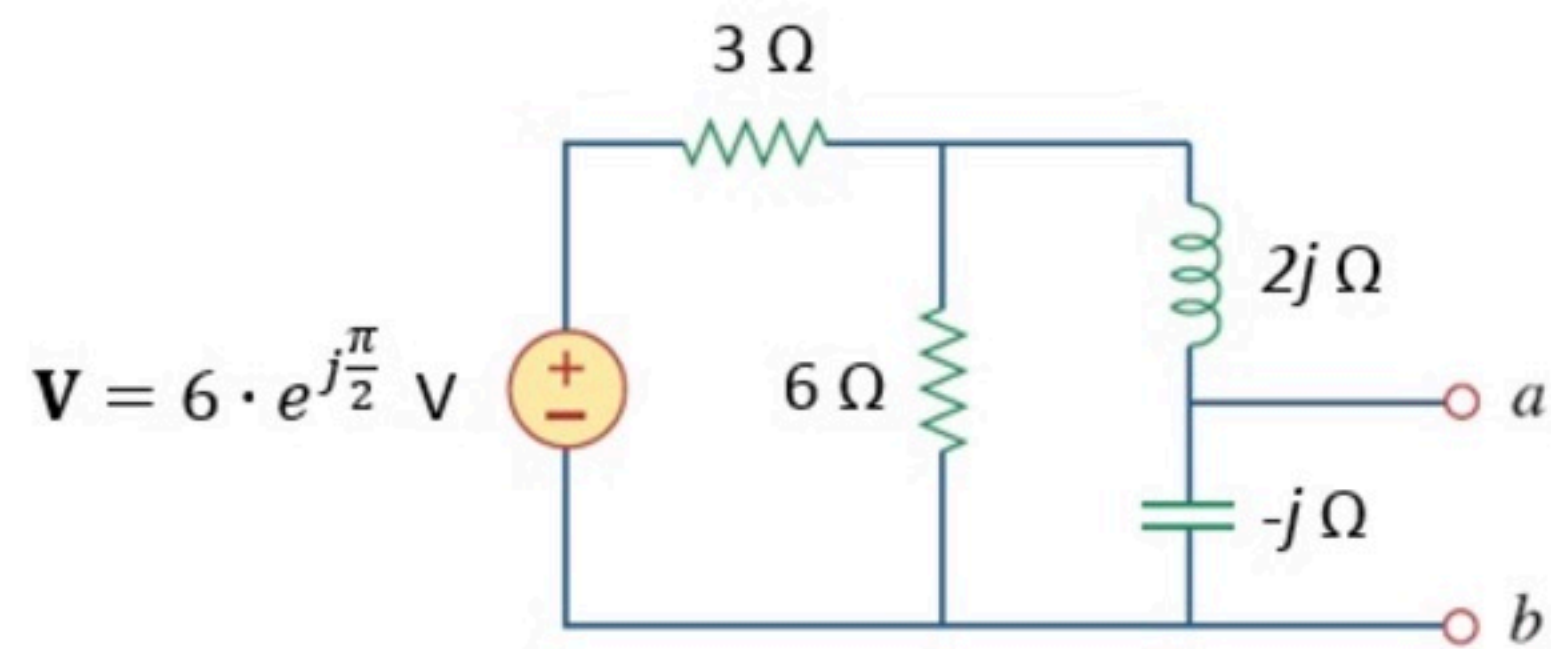
PP Phasors 021

Unlimited Attempts.

Find the Thevenin equivalent model
between a and b, in phasor notation:

$$\mathbf{V}_{\text{Th}} = a + jb$$

$$\mathbf{Z}_{\text{Th}} = c + jd$$



Given Variables:

$\therefore \dots$

Calculate the following:

a (V) :

1.6



b (V) :

-0.8



c (ohm) :

0.4



d (ohm) :

-1.2



Hint: You can use voltage divider and series/parallel connections of impedances