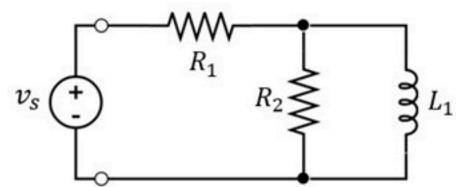
## AC power 005

## 0 of 5 attempts made

0.9

```
v_s(t) = A_1 \cos(500t + B_1)
Find the complex power S_1 = a_1 + b_1 j received by the source v_S.
Find the complex power S_2 = a_2 + b_2 j received by the resistor R_1.
Find the complex power S_3 = a_3 + b_3 j received by the resistor R_2.
Find the complex power S_4 = a_4 + b_4 j received by the inductor L_1.
```



$v_s$ $+$ $R_2$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$ $+$	
Given Variables:	
A1:6 V	
31:45 degrees	
R1 : 4 ohm	
R2:4 ohm	
_1 : 8 mH	
Calculate the following:	
a1 (W):	
2.7	~
	*
o1 (VAR):	
0.9	<b>/</b>
a2 (W):	
1.8	
o2 (VAR) :	
a3 (W):	
0.9	
o3 (VAR) :	
	~
a4 (W):	
	~
o4 (VAR) :	