

## Chapter 9 Solutions

1.

4A CS:	-24.6277 W
2 Ohm:	41.6 W
-j2 Ohm:	0 W
j3 Ohm:	0 W
12 V VS:	-16.9623 W

2.

12 V VS:	-27 W
j2 Ohm:	0 W
2 Ohm:	22.5 W
-j3 Ohm:	0 W
1 Ohm:	4.5 W

3.

4 Ohm:	10.4 W
-j4 Ohm:	0 W
4A CS:	-14.4 W
2 Ohm:	23.2 W
j2 Ohm:	0 W
12 V VS:	-19.2 W

4.

2Ix CS:	-21.6 W
2 Ohm:	32.4 W
j2 Ohm:	0 W
-j3 Ohm:	0 W
12V VS:	-10.8 W

5.

4A CS:	-22.0801 W
2 Ohm:	30.88 W
12V VS:	-9.1198 W
j1 Ohm:	0 W
4 Ohm:	0.32 W