**Group Work for 18L** Name

1

5 Ω

1 Ω

3 Ω

12.0 V

6 Ω

7 Ω

8 Ω

4 Ω

9.0 V

Find the current and direction (up or down) through:

3 Ω

6 Ω

7 Ω

Find the voltage across:

6 Ω

8 Ω

Find power dissipated by:

1 Ω



4 Ω

Find:

|V1| =

2

9 Ω

8 Ω

15.0 V

7 Ω

45.0 V

4 Ω

6 Ω

2 Ω

3 Ω

Find the current and direction (up, down) through:

7 Ω

4 Ω

6 Ω

Find the voltage across:

8 Ω

2 Ω

Find power dissipated by:

3 Ω



9 Ω

Find:

|V1| =

3

3 Ω

2 Ω

11.0 V

4 Ω

17.0 V

5 Ω

7 Ω

8 Ω

6 Ω

Find the current and direction (up or down) through:

4 Ω

5 Ω

7 Ω

Find the voltage across:

6 Ω

8 Ω

Find power dissipated by:

2 Ω

7 Ω

Find:

|V1| =

 4

9 Ω

13 Ω

38.0 V

13.0 V

11 Ω

8 Ω

14 Ω

7 Ω

12 Ω

Find the current and direction (up, down, left, right) through:

11 Ω

14 Ω

8 Ω

Find the voltage across:

13 Ω

9 Ω

Find power dissipated by:

12 Ω

7 Ω

Find:

|V1| =