**Practice for 19.2:**

**Round your answers to three sig figs (retain five), and show your work.**

**1**

45.0 V

3 Ω

6 Ω

5 Ω

8 Ω

23 Ω

7 Ω

12 Ω

19 Ω

Find:

A1 =

V1 =

V2 =

V3 =

Find the current through:

19 Ω

6 Ω



23 Ω

7 Ω

**2**

26.0 V

5 Ω

7 Ω

3 Ω

2 Ω

1 Ω

6 Ω

4 Ω

8 Ω

9 Ω

Find:

A1 =

V1 =

V2 =

V3 =

Find the current through:

4 Ω

2 Ω



6 Ω

7 Ω

**3**

18.0 V

3 Ω

4 Ω

2 Ω

9 Ω

4 Ω

6 Ω

8 Ω

7 Ω

5Ω

Find:

A1 =

V1 =

V2 =

V3 =

Find the current through:

9 Ω

3 Ω



6 Ω

8 Ω

**4**

45.0 V

5 Ω

7 Ω

3Ω

9 Ω

11 Ω

6 Ω

10 Ω

12 Ω

Find:

A1 =

V1 =

V2 =

V3 =

Find the current through:

11 Ω

7 Ω



12 Ω

9 Ω

**5**

31.0 V

2 Ω

3 Ω

4 Ω

11 Ω

5 Ω

7 Ω

8 Ω

6 Ω

Find:

A1 =

V1 =

V2 =

V3 =

Find the current through:

5 Ω

7 Ω



6 Ω

11 Ω