1. Determine the magnitude and direction of the current in the elements in Fig. P1.

\[ V_1 = -12 \text{ V} \]

\[ P = 60 \text{ W} \]

\[ V_1 = -6 \text{ V} \]

\[ P = -30 \text{ W} \]
2. Is the source $V_s$ in the network in Fig. P2 absorbing or supplying power, and how much?

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**Figure P2**

- 10 V
- 3 A
- 6 V
- 9 A
- 16 V
- 8 V
- 6 A
- $V_s$
3. Determine the power that is absorbed or supplied by the elements in Fig. P.3.
4. Find $V_o$ in the network in Fig. P4

Figure P4
5. Determine $I_o$ in the network in Fig. P5

![Network Diagram](image)
6. Find $V_o$ in the network in Figure P6.