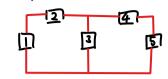
1.17 Figure 1.28 shows a creat with the doments. If p,=-205 W, P2=60W, P4=45W.
P5=30W, calculate the power P2 received or delivered by element 3.

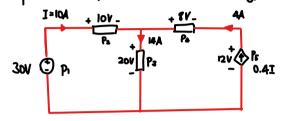


$$\mathbf{ZP} = P_1 + P_2 + P_3 + P_4 + P_5 = 0$$

-205+60+P₂+45+30 =-10+P₂

Answer: how

1.18 Find the power absorbed by each of the elements in Fig. 1.29



 $P_1 = 30 \times (-10) = -300$

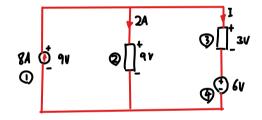
P2 = |0 x 10 = 100

P3 = 20x 14 = 280

 $P_4 = 9 \times (-4) = -32$

 $P_5 = 12 \times (-4) = -48$

1.19 Find I and the power absorbed by each element in the network of Fig. 1.30



1.20 Find to and the power accorded by each element in the curcuit of Fig. 1.31

