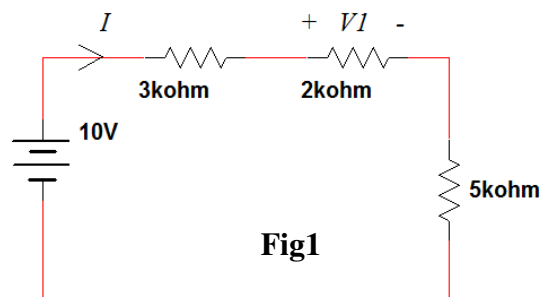


Fill in the following table the answer of the correct answer of the following questions

1	2	3	4	5	6	7	8	9	10

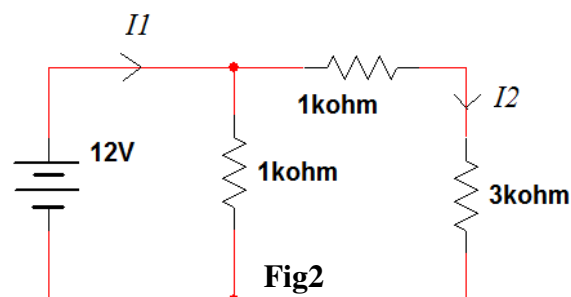
For the circuit shown in fig1, answer the following questions:

- 1) The value of voltage V1 (in Volts) is:  
 a) 2    b) 3    c) 4    d) 5    e) None
- 2) The value of current I in mA is :  
 a) 1    b) 1.5    c) 2    d) 2.5    e) None



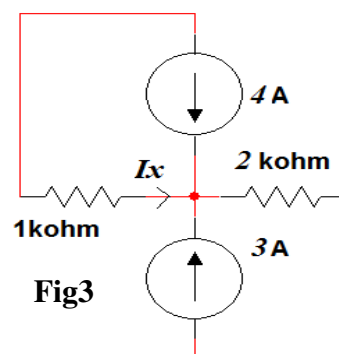
For the circuit shown in fig2 answer the following questions:

- 3) The value of current I1 (in mA) is:  
 a) 12    b) 24    c) 4    d) 15    e) None
- 4) The value of I2 (in mA) is :  
 a) 12    b) 24    c) 4    d) 15    e) None



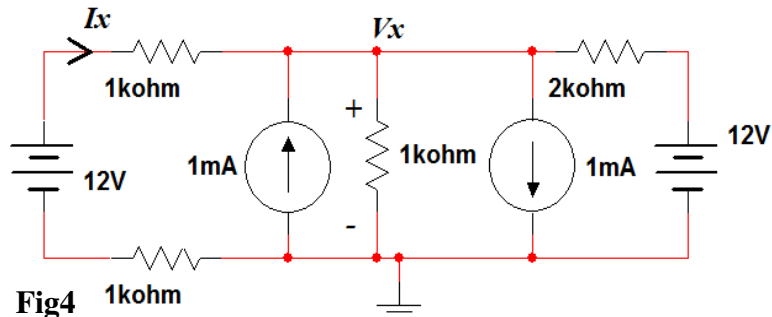
For the circuit shown in fig3 answer the following questions

- 5) The power generated by 3A source (in mW) is :  
 a) - 6    b) -21    c) -18    d) - 24    e) None
- 6) The total power dissipated in the resistors (in mW) is:  
 a) 16    b) 18    c) 32    d) zero    e) None
- 7) If the power rating of the 1Kohm resistor is 0.25 mW, the maximum value of Ix allowed to pass (in mA) is:  
 a) 0.25    b) 0.5    c) 0.75    d) 0.1    e) None



For the circuit shown in fig4 answer the following questions:

- 8) The value of Vx (in volts) is:  
 a) 3    b) 6    c) 1    d) 12    e) None
- 9) The value of Ix (in mA) is:  
 a) 3    b) 6    c) 9    d) 12    e) None



For the circuit shown in fig5 answer the following questions:

- 10) If RL is varying resistance, the maximum power that can be delivered to RL (in mW) is:  
 a) 9    b) 27    c) 0.66    d) 0.75    e) None

