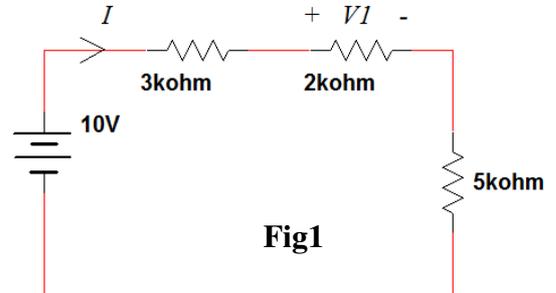


Fill in the following table the answer of the correct answer of the following questions

1	2	3	4	5	6	7	8	9	10

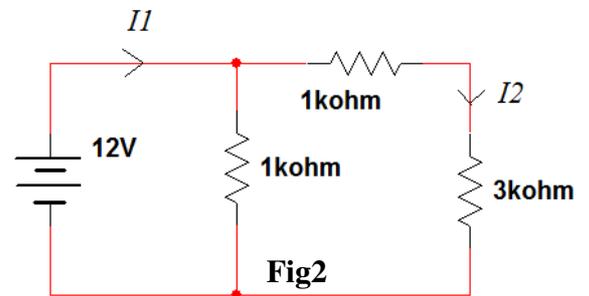
For the circuit shown in fig1, answer the following questions:

- The value of voltage V_1 (in Volts) is:
 a) 2 b) 3 c) 4 d) 5 e) None
- The value of current I in mA is :
 a) 1 b) 1.5 c) 2 d) 2.5 e) None



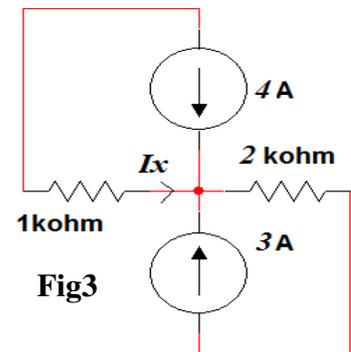
For the circuit shown in fig2 answer the following questions:

- The value of current I_1 (in mA) is:
 a) 12 b) 24 c) 4 d) 15 e) None
- The value of I_2 (in mA) is :
 a) 12 b) 24 c) 4 d) 15 e) None



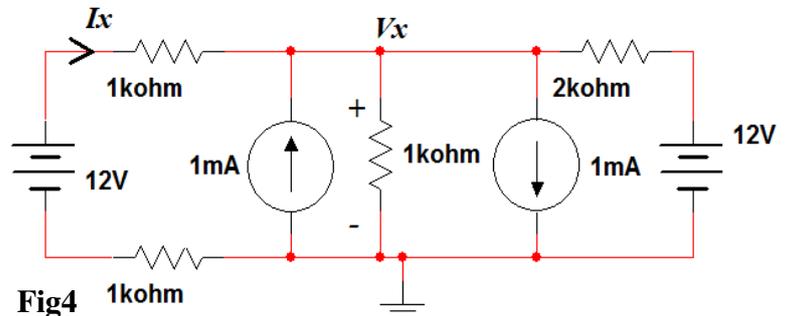
For the circuit shown in fig3 answer the following questions

- The power generated by 3A source (in mW) is :
 a) - 6 b) -21 c) -18 d) - 24 e) None
- The total power dissipated in the resistors (in mW) is:
 a) 16 b) 18 c) 32 d) zero e) None
- If the power rating of the 1Kohm resistor is 0.25 mW, the maximum value of I_x 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:

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



For the circuit shown in fig5 answer the following questions:

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

