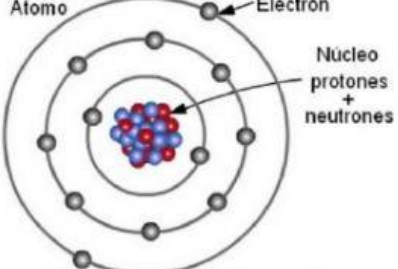
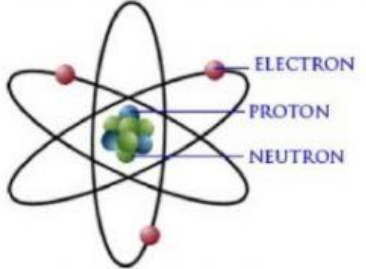
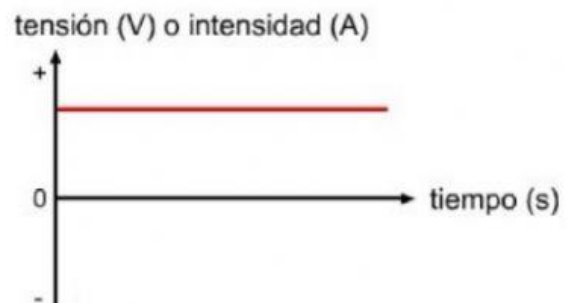
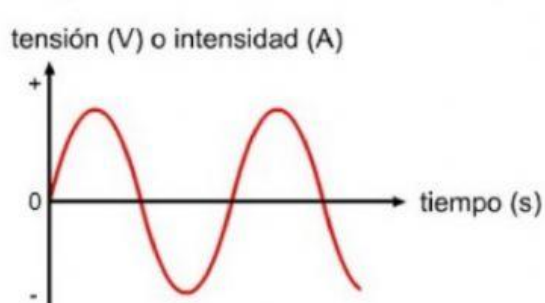


Electrónica analógica y digital

Partículas subatómicas			Carga
			Protón
			Neutra
			Electrón

Negativa - Neutrón Positiva +

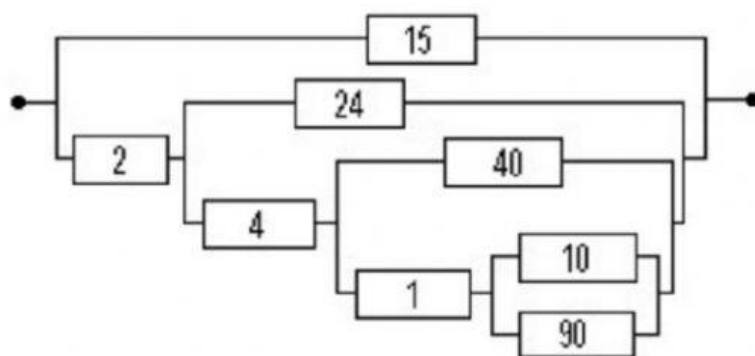
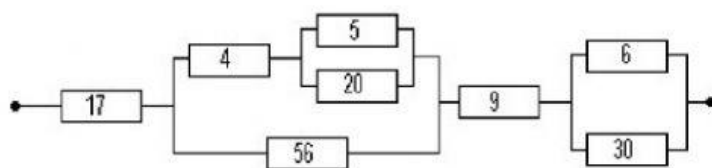
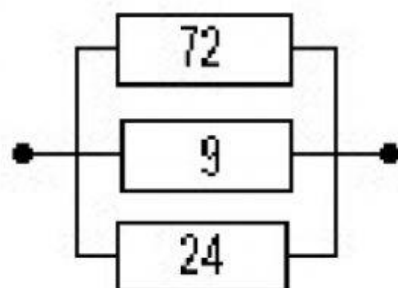
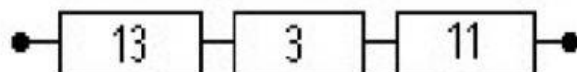
¿Qué tipo de corriente se presenta en cada gráfica?



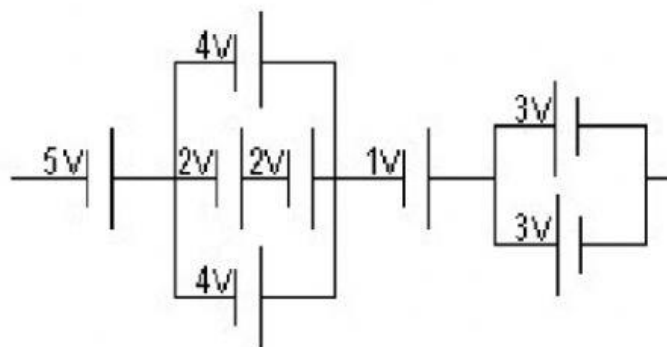
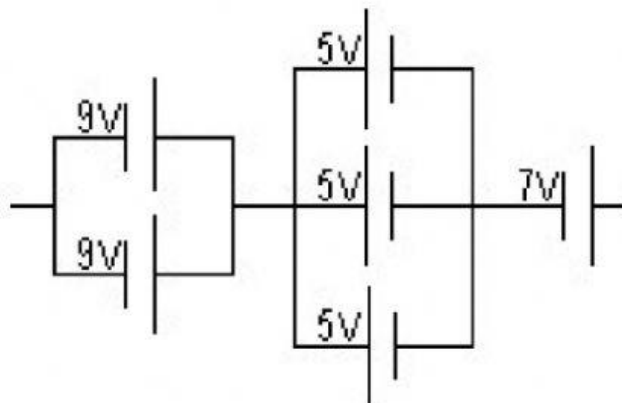
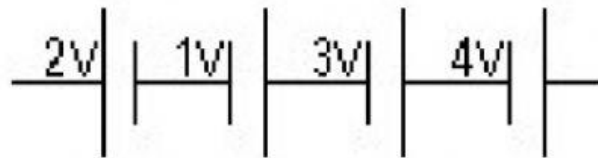
CORRIENTE CONTINUA

CORRIENTE ALTERNA

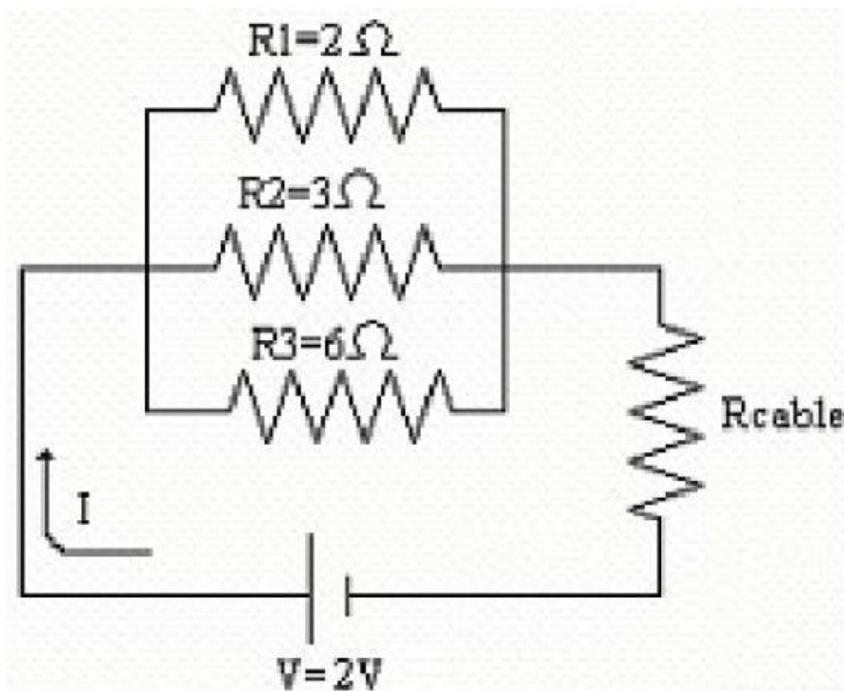
Calcula la resistencia total:



Calcula el voltaje total.



Calcula el valor de las siguientes incógnitas



$R_T =$
 $I_T =$
 $V_1 =$
 $V_2 =$
 $V_3 =$
 $V_{Cable} =$
 $I_1 =$
 $I_2 =$
 $I_3 =$
 $P_P =$
 $P_1 =$
 $P_2 =$
 $P_3 =$
 $P_{Resistencia\ Cable} =$

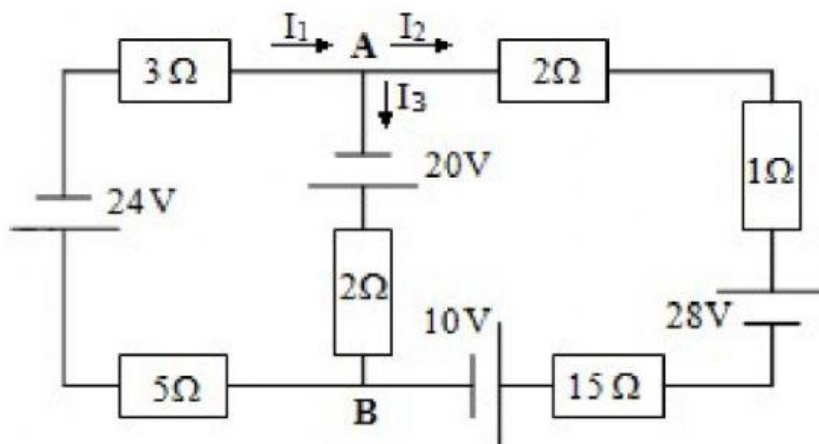
Resistencia de Cable:

$$\rho = 0,06 \Omega \frac{mm^2}{m}$$

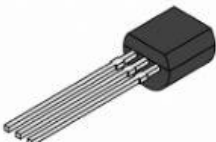
$$L = 200 \text{ m}$$

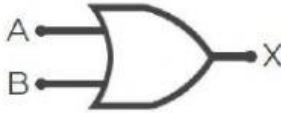
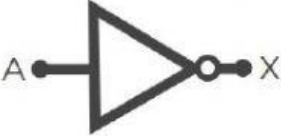
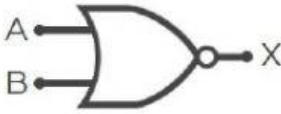
$$S = 4 \text{ mm}^2$$

Emplea las leyes de Kirchhoff para resolver las siguientes incógnitas:



$I_1 =$
 $I_2 =$
 $I_3 =$

Componentes	Nombre
	
	
	
	
	
	
	
	
	

Compuertas lógicas	Nombre															
 <table><tr><td>A</td><td>B</td><td>X</td></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	A	B	X	0	0	0	0	1	1	1	0	1	1	1	1	
A	B	X														
0	0	0														
0	1	1														
1	0	1														
1	1	1														
 <table><tr><td>A</td><td>B</td><td>X</td></tr><tr><td>0</td><td>0</td><td>0</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>1</td></tr></table>	A	B	X	0	0	0	0	1	0	1	0	0	1	1	1	
A	B	X														
0	0	0														
0	1	0														
1	0	0														
1	1	1														
 <table><tr><td>A</td><td>X</td></tr><tr><td>0</td><td>1</td></tr><tr><td>1</td><td>0</td></tr></table>	A	X	0	1	1	0										
A	X															
0	1															
1	0															
 <table><tr><td>A</td><td>B</td><td>X</td></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>0</td></tr><tr><td>1</td><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	A	B	X	0	0	1	0	1	0	1	0	0	1	1	0	
A	B	X														
0	0	1														
0	1	0														
1	0	0														
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 <table><tr><td>A</td><td>B</td><td>X</td></tr><tr><td>0</td><td>0</td><td>1</td></tr><tr><td>0</td><td>1</td><td>1</td></tr><tr><td>1</td><td>0</td><td>1</td></tr><tr><td>1</td><td>1</td><td>0</td></tr></table>	A	B	X	0	0	1	0	1	1	1	0	1	1	1	0	
A	B	X														
0	0	1														
0	1	1														
1	0	1														
1	1	0														

Decimal → Binario

- 10:

1010 101110

1110 110001

- 2023:

1011111010101010 11111100111

100110010011010 10101011101

Binario→Decimal

- 1000011010101010:

18752

87652

34474

1324

- 1001111011011011:

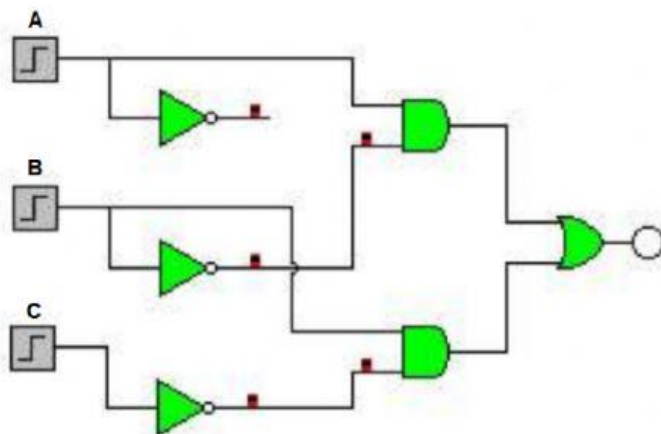
1500

89465

140666

40667

¿Cuál es la función canónica que se presenta?



$$S = (A \cdot B) + (\bar{B} \cdot C)$$

$$S = (A \cdot \bar{B}) + (B \cdot \bar{C})$$

$$S = (C \cdot \bar{B}) + (A \cdot \bar{C})$$

$$S = (A \cdot C) + (\bar{B} \cdot \bar{A})$$