

Physique et chimie

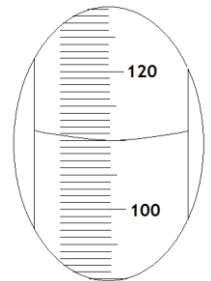
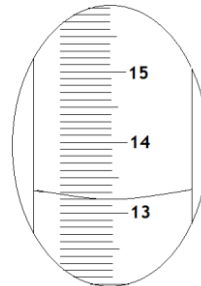
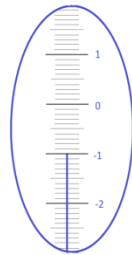
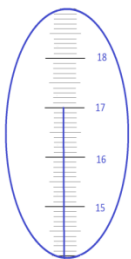
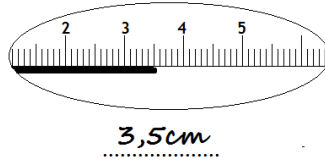
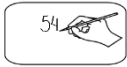
A. La Mesure et les ordres de grandeurs :

1. Relie :

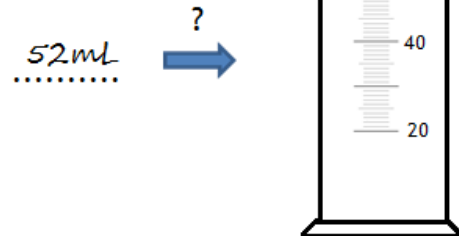


60 kg	●	●		●	0,12L
24 °C	●	●		●	49kg
70 mL	●	●		●	1,53m
7 cm	●	●		●	22,4°C

2. Ecris la mesure :



3. Colorie :



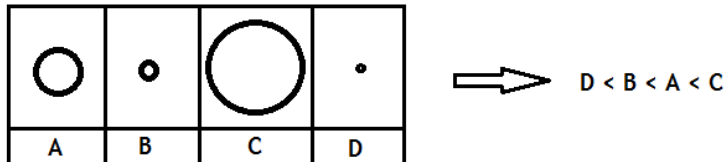
4. Ecris :



a) 10 mL = L ; 1 km = m ; 1 cm = m ; 10 m = km

b) 1 L = cm³ ; 10 mL = cm³ ; 1 m³ = L.

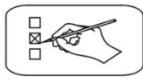
5. Ordonne du plus petit au plus grand :



A	B	C	D	E	F

⇒ < < < < <

6. Coche la bonne réponse :



- ☐ 10^{-10}m
- ☐ 10^{-5}m
- ☐ 1mm



- ☐ 720 km
- ☐ $230\,000\text{ km}$
- ☐ $12\,700\text{ km}$



- ☐ 300 km
- ☐ $1\,390\,000\text{ km}$
- ☐ $50\,000\text{ km}$

7. relie :



10^{-6} •

10^{+12} •

10^3 •

10^{-1} •

$1,2 \cdot 10^{-1}$ •

$1,2 \cdot 10^{-2}$ •

• 1000

• 0,1

• 0,12

• 0,000001

• 0,012

• 1000000000000

B. Solide, liquide, gazeux :

1. Relie :



•



•



•



•



•



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•

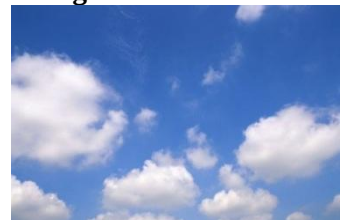
• **solide** comme une pierre



• **liquide** comme l'eau



• **gazeux** comme l'air



2. Relie :



Eau liquide ●



Eau solide ●

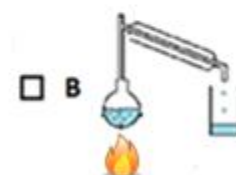
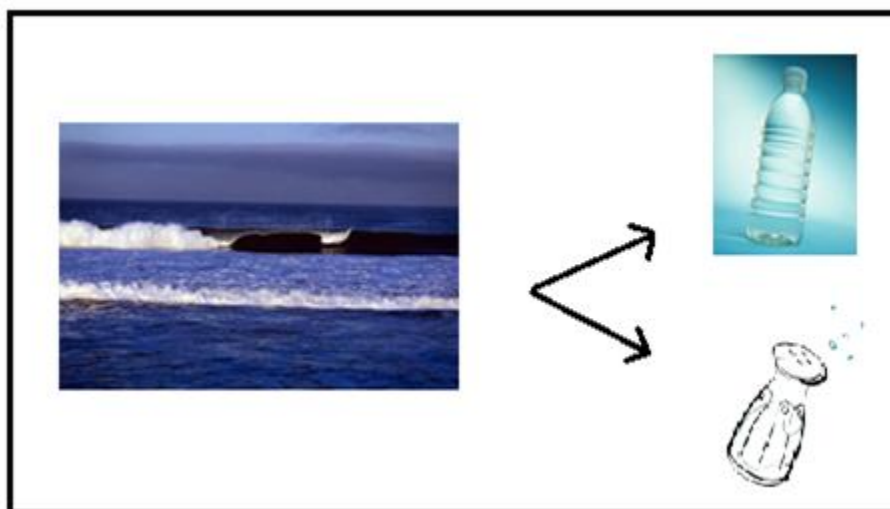
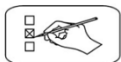


Vapeur d'eau (gaz) ●

- $-10^{\circ}\text{C} = 14^{\circ}\text{F}$
- $10^{\circ}\text{C} = 50^{\circ}\text{F}$
- $105^{\circ}\text{C} = 221^{\circ}\text{F}$
- $-2^{\circ}\text{C} = 28,4^{\circ}\text{F}$
- $130^{\circ}\text{C} = 266^{\circ}\text{F}$
- $3^{\circ}\text{C} = 37,4^{\circ}\text{F}$
- $70^{\circ}\text{C} = 158^{\circ}\text{F}$
- $-30^{\circ}\text{C} = -22^{\circ}\text{F}$
- $96^{\circ}\text{C} = 204,8^{\circ}\text{F}$



3. Coche la bonne réponse :



C. Le système solaire et la lumière :

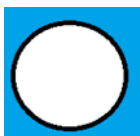
1. Entoure les 3 qui produisent de la lumière :



2. Ecris la bonne réponse :



A



B



C



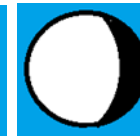
D



E



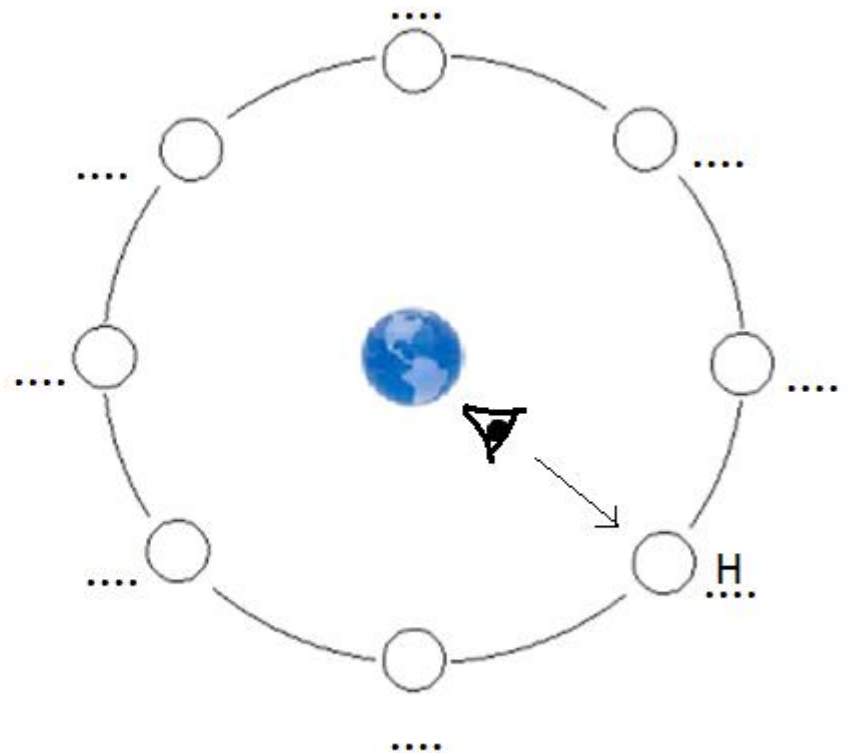
F



G



H



3. Ecris :



4. Ecris :



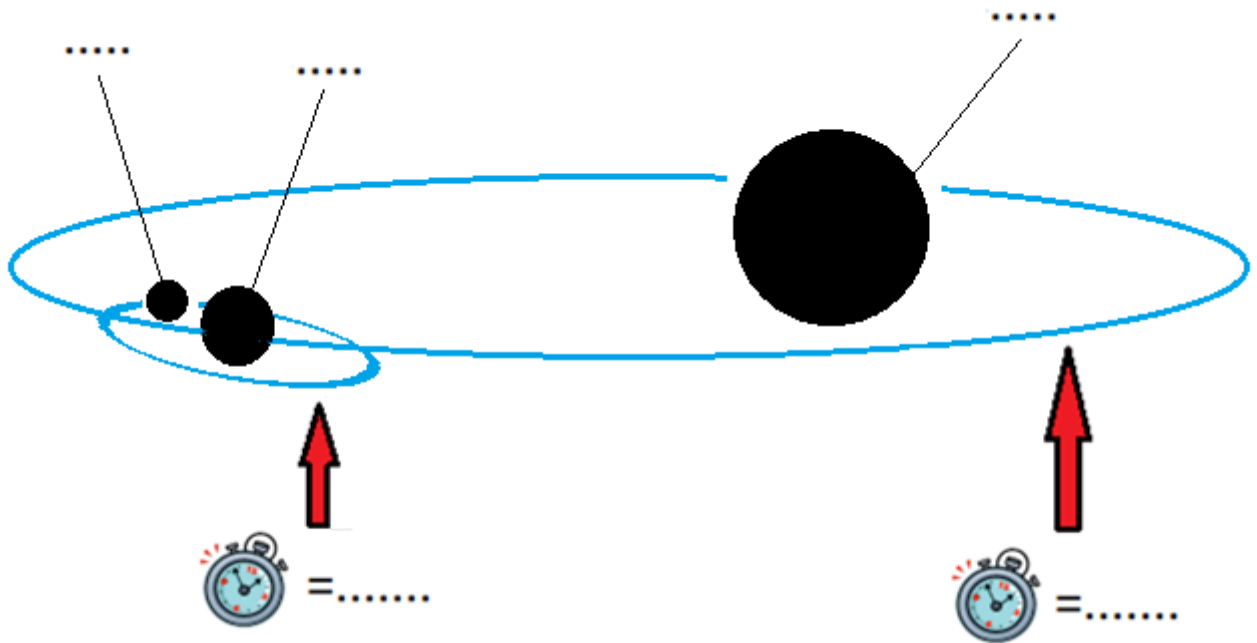
A



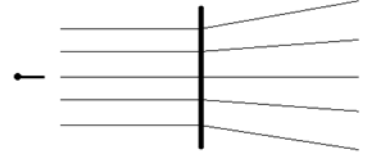
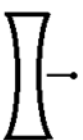
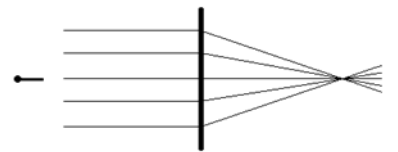
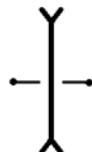
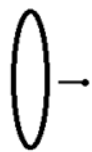
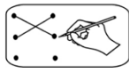
B



C



5. Relie :



D. Les énergies :

1. Relie :



1kg , 2m/s			
4kg , 1m/s			
1kg , 5m/s			
2kg , 1m/s			

2. Ordonne :

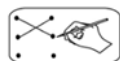


A	B	C	D	E

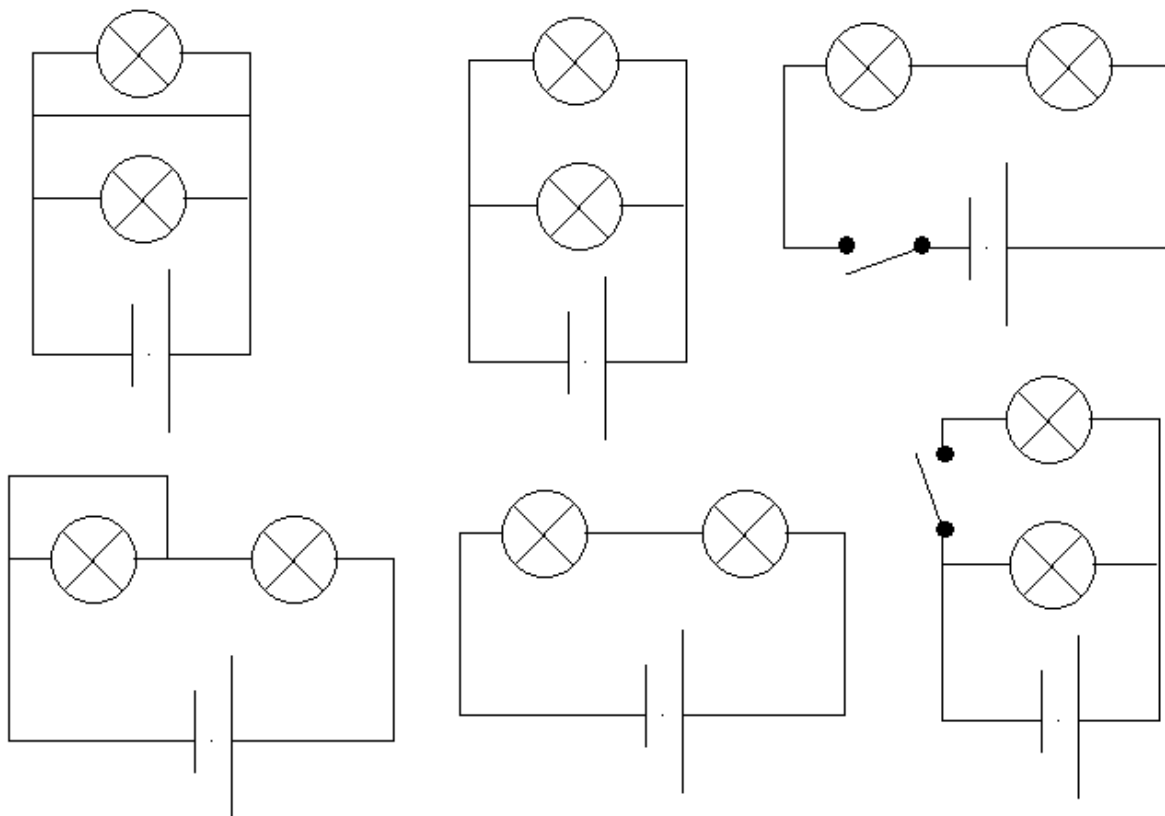
1	2 ?	3 ?	4 ?	5 ?
D				

E. Electricité :

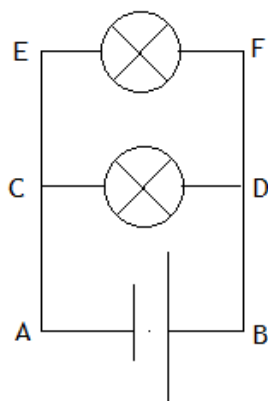
1. Relie :



2. Entoure les ampoules allumées :

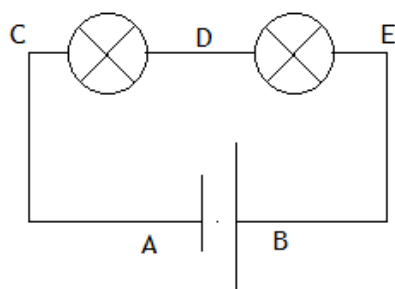


3. Ecris :



$$U_{EF} = 3V ; U_{CD} = 3V$$

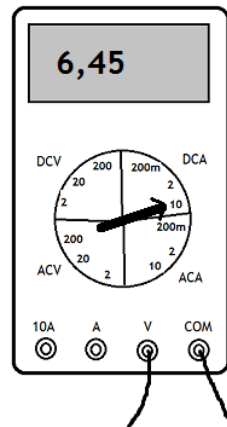
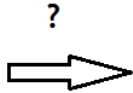
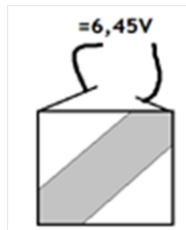
$$U_{AB} = \dots\dots\dots$$



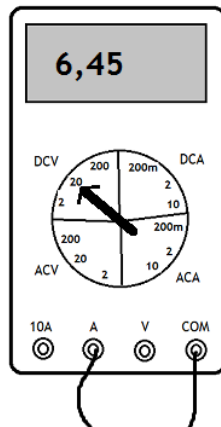
$$U_{ED} = 4,5V ; U_{DC} = 4,5V$$

$$U_{AB} = \dots\dots\dots$$

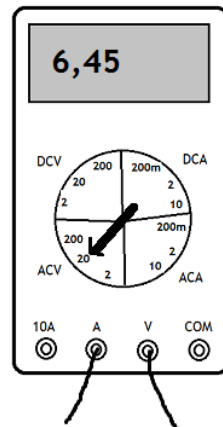
4. Coche la bonne réponse :



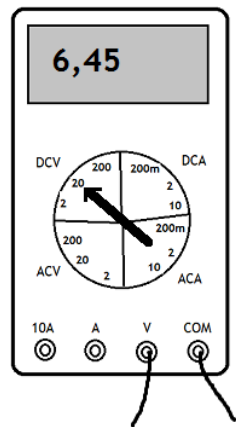
☐ A



☐ B



☐ C

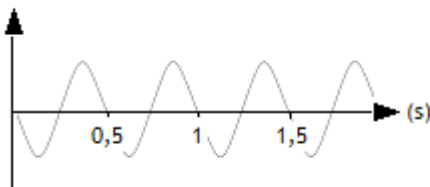


☐ D

5. Relie :



6. Coche la bonne réponse :



☐ $f = 0,5\text{Hz}$

☐ $T = 0,5\text{s}$

☐ $f = 1\text{Hz}$

☐ $T = 1\text{s}$

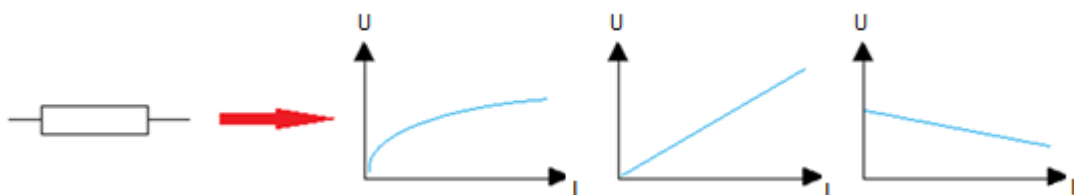
☐ $f = 2\text{Hz}$

☐ $T = 2\text{s}$

☐ $f = 5\text{Hz}$

☐ $T = 5\text{s}$

7. Entoure la bonne réponse :

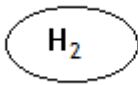


F. La réaction chimique :

1. Entoure les molécules :



Fe



O_2

N_2

NaCl

Co

CO

Fe

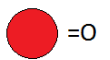
N

$C_6H_{12}O_6$

H



2. Ecris :



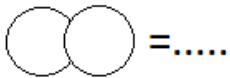
=O



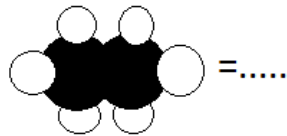
=C



=H



=.....



=.....



=.....



=.....

3. Relie :



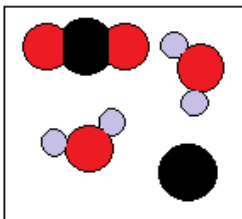
=O



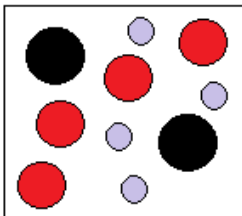
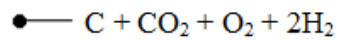
=C



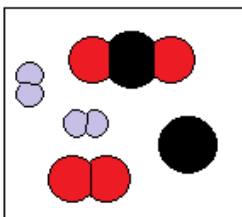
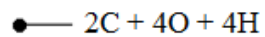
=H



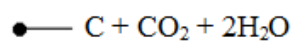
—●—



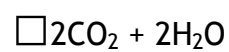
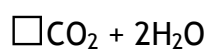
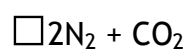
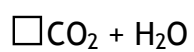
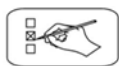
—●—



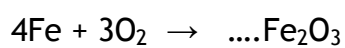
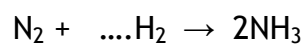
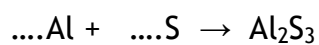
—●—



4. Coche :



5. Ecris :



6. Coche :

