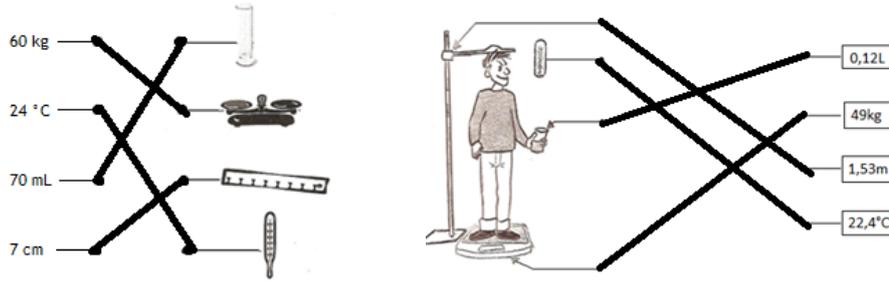


Physique et chimie - Correction

A. La Mesure et les ordres de grandeurs :

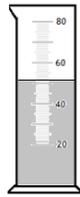
1. Relie :



2. Ecris la mesure :

17°C ; -1°C ; 13,2mL ; 110mL

3. Colorie :



4. Ecris :

a) 10mL = 0,01L ; 1km =1000m ; 1cm =0,01m ; 10m = 0,01km

b) 1L = 1000cm³ ; 10mL =10cm³ ; 1m³=1000L.

5. Ordonne du plus petit au plus grand :

B<F<D<C<E<A

6. Coche la bonne réponse :



- 10⁻¹⁰m
 10⁻⁵m
 1mm

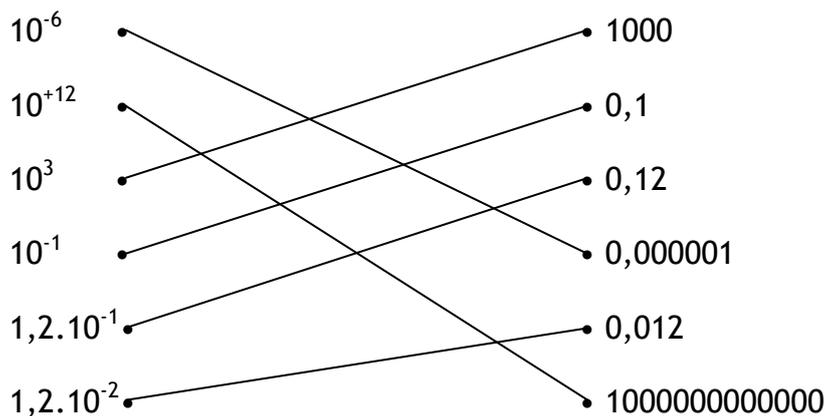


- 720 km
 230 000 km
 12'700 km



- 300 km
 1 390 000 km
 50 000 km

7. relie :



B. Solide, liquide, gazeux :

1. Relie :



● solide comme une pierre



● liquide comme l'eau



● gazeux comme l'air



2. Relie :



Eau liquide



Eau solide



Vapeur d'eau (gaz)

● -10°C = 14°F

● 10°C = 50°F

● 105°C = 221°F

● -2°C = 28,4°F

● 130°C = 266°F

● 3°C = 37,4°F

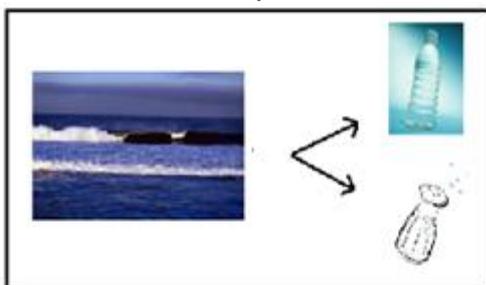
● 70°C = 158°F

● -30°C = -22°F

● 96°C = 204,8°F



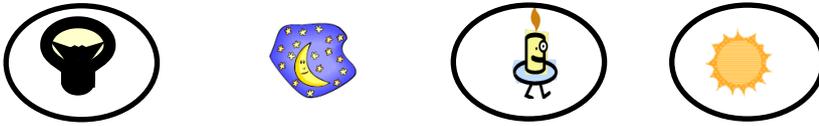
3. Coche la bonne réponse :



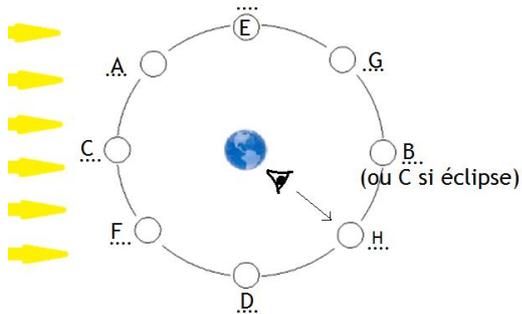
A
 B

C. Le système solaire et la lumière :

1. Entoure les 3 qui produisent de la lumière :

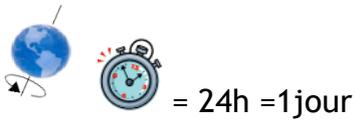


2. Ecris la bonne réponse :

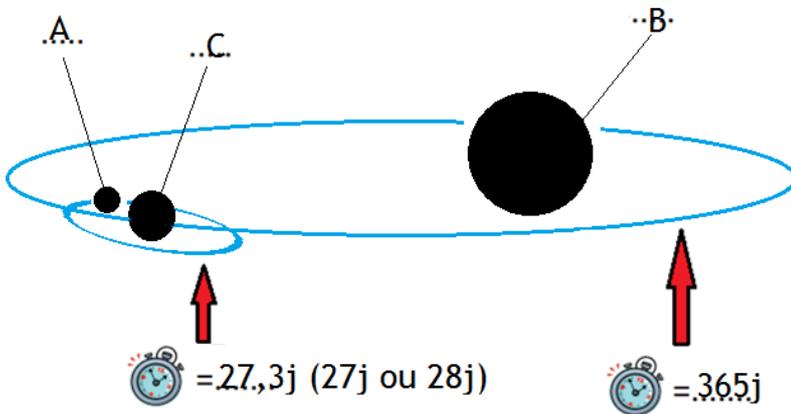


(Si A et F ou/et G et H sont inversés 5^{ème} OK)

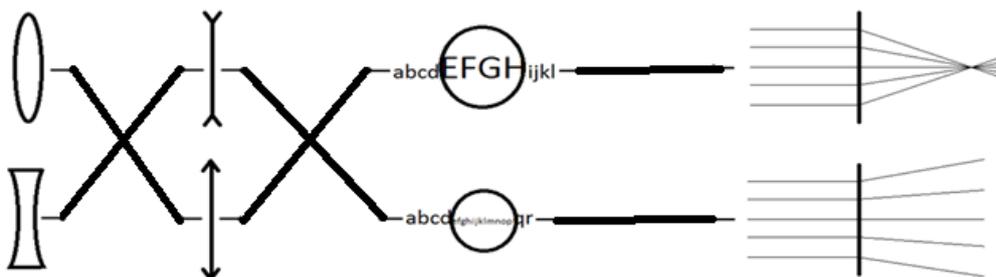
3. Ecris :



4. Ecris :

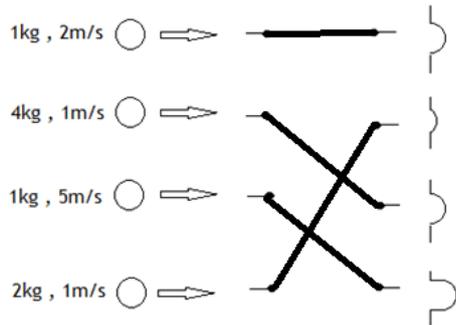


5. Relie :



D. Les énergies :

1. Relie :

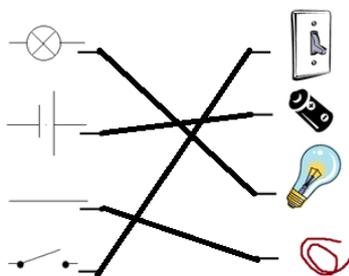


2. Ordonne :

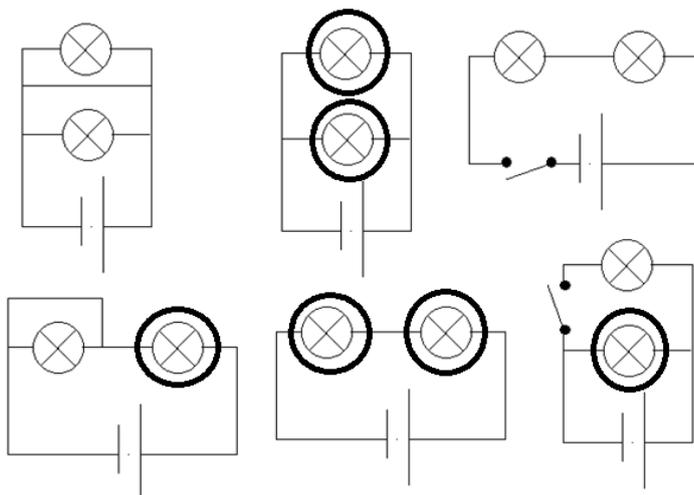
D - E - C - B - A

E. Electricité :

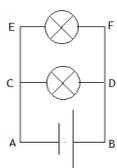
1. Relie :



2. Entoure les ampoules allumées :

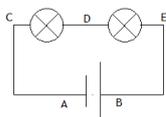


3. Ecris :



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

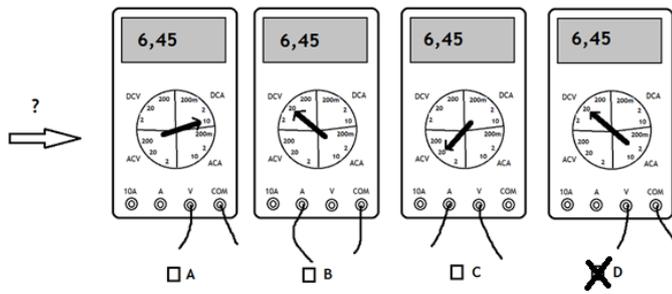
$$U_{AB} = 3V$$



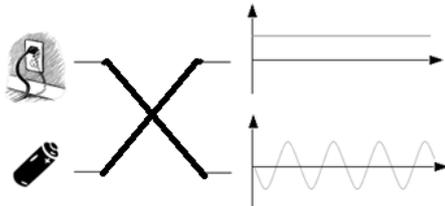
$$U_{DE} = 4,5V ; U_{CD} = 4,5V$$

$$U_{AB} = 9V$$

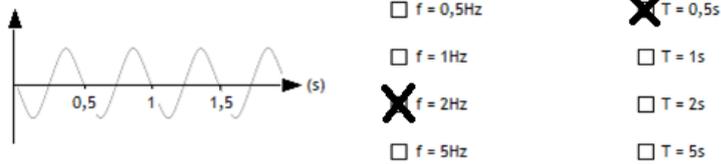
4. Coche la bonne réponse :



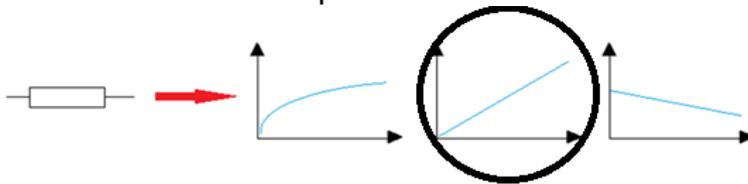
5. Relie :



6. Coche la bonne réponse :

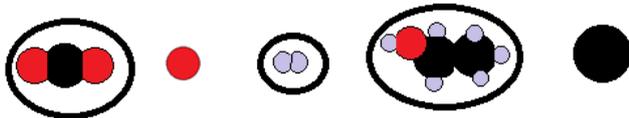


7. Entoure la bonne réponse :

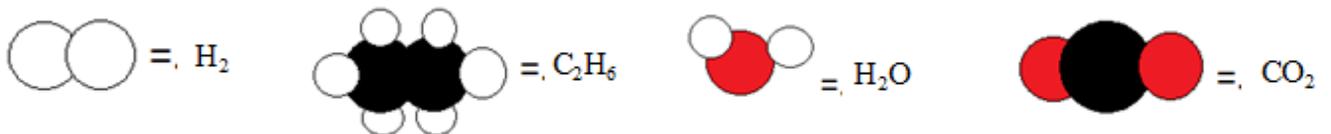


F. La réaction chimique :

1. Entoure les molécules :



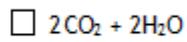
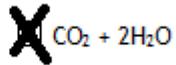
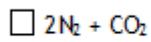
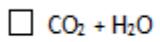
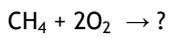
2. Ecris :



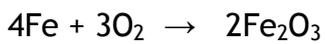
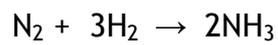
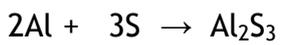
3. Relie :

$C + CO_2 + O_2 + 2H_2$
 $2C + 4O + 4H$
 $C + CO_2 + 2H_2O$

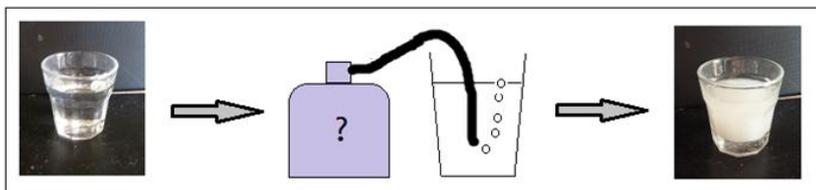
4. Coche :



5. Ecris :



6. Coche :



- O_2
 CO_2
 H_2