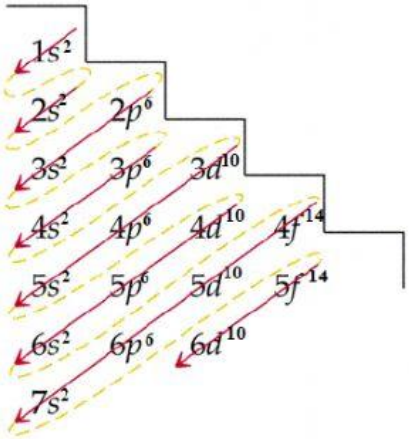
Colegio Pequeños Bilingües
Third Term

Teacher: Qco. Mayerly Andrea Angulo Rivera Grado: FIFTH PRIMARY

Topic: EVALUACIÓN FINAL

FINAL EVALUATION

LOOK AT THE DIAGRAM BELLOW AND ANSWER THE QUESTIONS



What is the total number of orbitals in a *p* sublevel

A) 1 C) 3
B) 2 D) 4

What is the total number of valence electrons in an atom with the electron configuration $1s^2 2s^2 2p^6 3s^2 3p^3$?

A) 6 C) 3
B) 2 D) 5

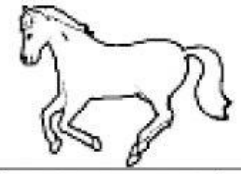
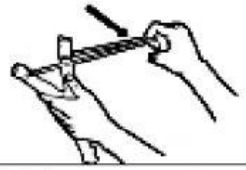
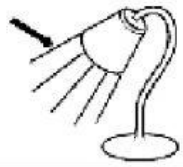
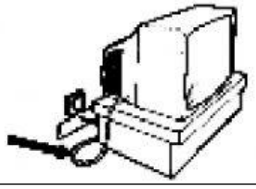
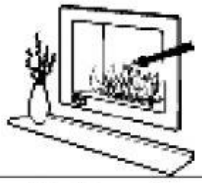
Iron (Fe) has 26 electrons. Using Madelung's rule, what is iron's electron configuration?

- ○ $1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 4s^2\ 3d^6$
- ○ $1s^6\ 2s^6\ 2p^2\ 3s^6\ 3p^2\ 4s^6\ 3d^2$
- ○ $1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 4s^2\ 3d^{10}$
- ○ $1s^2\ 2s^2\ 2p^6\ 3s^2\ 3p^6\ 3d^8$

According to these electron configurations complete the following table

	Period	Group (# A OR B)	Sublevel	Element symbol or name
1. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^4$				
2. $1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10} 4p^6 5s^2 4d^{10} 5p^6 6s^1$				

Match the type of energy with the correct description

Type of energy	Description
Kinetic 	Energy stored by stretched or compressed objects.
Elastic potential 	Energy carried by tiny moving electrical charges often through a wire.
Light 	Energy carried by a kind of vibration that can travel through the air.
Electrical 	Energy carried by any moving object.
Chemical 	Energy that can warm us up.
Sound 	Energy that comes from the Sun or a light bulb and we can use it to see, using our eyes.
Heat 	Energy stored by being high up or being moved higher up.
Gravitational potential 	Energy stored in a fuel, for example petrol or in a battery.

Find the statement in Column B that best describes each word in Column A. Write the letter of that statement in the space provided.

Column A		Column B	
1. _____	mouth	A.	makes bile
2. _____	large intestine	B.	produce juices in the mouth
3. _____	liver	C.	churns food, adds juices
4. _____	stomach	D.	where digestion begins
5. _____	teeth	E.	water removed, solids stored
6. _____	small intestine	F.	tiny, finger-like projections found in small intestine
7. _____	salivary glands	G.	breaks, grinds food into pieces
8. _____	gall bladder	H.	absorbs food, sends it throughout body
9. _____	villi	I.	stores bile