



# Èd etid Nimewo

Welcome to the wonderful world of Learn & Teach

## Metòd etid se 'Aprann ak anseye'! Etidye tout lavi!

1<sup>st</sup>Aprann, lè w konprann, kòmanse anseye. Nan edikasyon gratis elèv k ap aprann vit anseye elèv k ap aprann dousman. Nan travay travayè ki gen eksperyans antrene nouvo vini. Nan kay la, granparan anseye timoun, gran pitit. Paran yo anseye timoun yo.

## Etid konsèy

Lè w ap etidye oswa anseye non sèlman rechèch gid sa a men yon varyete lòt. Lè w ap jwenn yon moso byen ekri **Plajyepati** ou bezwen epi elaji sou sa yo (**aplike pou Scholars ak Edikatè**).



**Kouri:** chèk òtograf ak chèk gramè. **Ajoute:** koulè, imaj ak odyo yo te nesesè.

Li prèy, si sa nesesè fè chanjman. Fè travay ou 'Copyright gratis' Lè sa a, pibliye.

## Anyè Nimewo

Ajoute tab ~ Nimewo ~ Nimewo sa vle di ~ Nimewo majik ~ Itilizasyon nimewo ~ Valè chif ~ Senbòl matematik ~ Mezi ~



## 1 Bondye ap tann ou tande!

### Edikasyon Lapriyè

Selebre Jounen Edikasyon 6.1.7.NATm

Mezanmi **1 Bondye**, Kreyatè linivè ki pi bèl Gadyen gadyen fidèl ou ki pi enb (**1<sup>st</sup> non**) Pwomès pou chèche, jwenn, aplike Konesans tout lavi Aprann ak Anseye atravè Edikasyon Gratis

Pou sipòte edikasyon piblik gratis

Pase eksperyans lavi bay pwochen jenerasyon

Pou tout bèl pouvwa a **1 BONDYE** ak byen limanite



Yo itilize lapriyè sa a nan klas ak nan Jounen Edikasyon



## Ajoute tab la

Tablo adisyon a gen 400 adisyon. Ale de goch a dwat nan nenpòt ranje, oswa soti anwo jouk anba nan nenpòt kolòn, chak nouvo nimewo se 1 plis(+)pase nimewo anvan an(siksesè). Sisesè yo se yon sekans nimewo pa egzanp 0,1,2,3,4,5, ... Bwat fonsè yo se doub chif pa egzanp  $2+2=4$

+	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40

O(zewo)pa enkli; ajoute O(zewo)nan nenpòt ki nimewo rezilta nan menm nimewo a. Chwazi yon nimewo(chif)sou liy tèèt orizontal la; ajoute(+) ak yon nimewo sou liy vètikal ki lwen gòch la. Deplase dwat sou liy vètikal sa a jiskaske liy orizontal ki enpòtan an rive. Pa egzanp  $3+5=8$  **Remak:**  $3 + 5$  gen menm rezilta ak  $5 + 3 = 8$  Addends ka chanje rezilta se menm bagay la.

## Nimewo

**Nimewo** yo enpòtan ak 7 se divin!

Yon fwa limanite te kòmanse sèvi ak nimewo li te pare pou evolye nan desten li: Gadyen Linivè Fizik la. Nimewo fè li posib pou dekri ak mezire kantite, vitès, ..., kreye konsèp matematik. Gadyen Gadyen yo kwè ke nimewo yo se yon gwo poto nan entèlijans limanite.

Nimewo yo se konsèp matematik fondasyon ke limanite itilize pou kreye plis konsèp matematik. Nimewo te mennen nan syans ki pèmèt nou avanse ak konprann pi plis ak plis nan **1 BONDYE** kreyasyon yo. Numbers bati sivilizasyon ak detwi yo. Sik la nan "Kòmanse, fen ak resiklaj".

Nimewo yo pèmèt konte:

Dwèt sou yon men 1, 2, 3, 4, 5. Rezilta (senbòl: =) 5 dwèt.

**Ajoute** (senbòl: +) pèmèt yo rantre plis pase 1 rezilta konte. Dwèt sou 2 men  $5+5 = 10$  dwèt sou tou de men yo.

**Pran ale** (senbòl: -) pèmèt diminye yon rezilta anvan yo. 1 men ki gen 5 dwèt gen 1 dwèt koupe (aksidan):  $5-1 = 4$  dwèt ki rete nan men yo.

**Miltipliye** (senbòl: •) pèmèt (pi senp) konte kantite atik ki sanble. Dwèt sou 3 men  $3 \cdot 5$  (pi senp lè sa a  $5+5+5$ ) = 15 dwèt sou 3 men. Lè miltipliye menm nonb la repete a **Pouvwanot**-syon yo itilize:  $2 \cdot 2 \cdot 2 \cdot 2 \cdot 2$  (2 pouvwa 5) = 32 senkyèm pouvwa 2.

Nimewo pèmèt kreyasyon yon **Sekans** nan nimewo, 0, 1, 1, 2, 3, 5, 8, 13, 21, 34, 55, 89, 144, 233, ... (senbòl: ...) apre 2 nimewo inisyèl, chak nimewo se sòm 2 nimewo anvan yo.

Gadyen gadyen sèvi ak sistèm nimewo natirèl baz 10 la. Senbòl 1 chif yo itilize: 0 (zewo), 1 (yon), 2 (de), 3 (twa), 4 (kat), 5 (senk), 6 (sis), 7 (sèt), 8 (uit), 9 (nèf). Nimewo: 0, 2, 4, 6, 8 yo rele menm; 1, 3, 5, 7, 9 yo rele enpè. Apre 9, 2 chif (yo rele 10's) yo itilize: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19.

La 0 mete adwat nenpòt nan 9 nimewo yo kreye yon nimewo 2 chif ki rele 10 yo (dis), egzanp 70. De 00 yo rele 100's (santèn), egzanp 700. Twa 000 yo rele 1000's (dè milye), egzanp 7000. Chak 3 nimewo konte apati dwat yo separe pa yon vigilegzanp 1,000,000 (1 milyon).

**Pousan**(senbòl:%) vle di dè santèn. Yon fraksyon 100 ka eksprime tou kòm yon pousan egzanp  $7/100 = 7%$  oswa desimal 0.07

(.) Yo itilize yon pwen pou montre valè ki mwens pase 1 egzanp 0.1 (yo rele Dezimal). 0.1 (Dezimal) kapab eksprime tou kòm yon fraksyon lè l sèvi avèk senbòl divizyon  $1/10$  la  $0.1 = 1/10$  oswa pousan 10%

Nimewo yo itilize nan konsepsyon jeyometrik: Triyang 3 kote, rektangilè 4 kote, kare, Pentagòn 5 bò, Egzagòn 6 bò, 7 kote Heptagon (senbòl 1 FAITH), 8 bò oktagòn. Kare<sup>2</sup> (2 dimansyon), Kib<sup>3</sup> (3 dimansyon), kòn, silenn...



7 se divan paske li te pran 1 BONDYE 7 jou\* pou kreye Linivè Fizik ak Limanite. 6 jou travay + 1 jou repo = 1 semèn.

\* **Remak!** 1 BONDYE a semèn diferan de semèn nan CG Kalènder.

Jou 1      Jou 2      mitan semèn      Jou 4      Jou 5      wikenn      Plezi-jou

1 BONDYE vle 7 branch fanmi. Rezilta nan 7 pwovens~

1 Lafwabaze sou 7 woulo~ senbòl: Heptagòn (7 kote, 7 ang) 1 Legliz: Gadyen Gadyen Linivè yo gen 7 administrasyon pwovens endepandan (Orackle)~

7 Sa ki mal yo se feblès lèzòm, 'Chain of Evil' gen 7 lyen~ 7\_7 Règ: yon komite ki gen reprezantasyon egal 7 HE ak 7 SHE~

## Nimewosiyifikasyon

0 Soti nan anyen 1 BONDYE kreye Linivè fizik la. Zewo se la kantite kreyasyon. **Negatif:** Zewo se kantite destriksyon.

1 Kòmansman an, yo te premye, 1 a ak sèlman. 1 BONDYE 1 Lafwa 1 Legliz. **Negatif:** Fen a, yo te dènye, an danje. Anpil nan yo.

2 Harmony, Sen maryaj, kwazman, marasa. **Negatif:** Anachi, separe, pònografi, seliba.

3 Triyang tan, 3 poto relijyon (1 BONDYE 1 Lafwa 1 Legliz). **Negatif:** 3 se yon foul moun, kilt, tranblemanntè.

4 4 sezon (prentan, ete, otòn, sezon fred) nan ane a, quatre ane, 4 direksyon (nò, lès, lwès, sid), 4 eleman (dife, dlo, tè, lè), kare, kib, règ estriktire. **Negatif:** dezòd, konfizyon pa gen okenn règ, mank de koyerans, lwa Murphy a.

5 Vizyon, pyonye, pèsèverans, aksyon.

Negatif: anpeche, vagabondaj, apati.

6 Gwoup, kominote, jistis sosyal, veye katye, legliz.

Negatif: Ermit, izolasyon, elitist, richès apartheid, gang.

7 1 Dènnye mesaj BONDYE Manifest ki bay lalwa a, Meditasyon, IP (pwopriyete entelektyèl), pwofetize. Negatif: Fantasizing, dezi, mesaj fo, copyright, patant.

8 Jistis, chemen karyè, responsablite, konfyans. Negatif: anachi, chomaj, immaturite, kòwonpi, bay manti.

9 Sosyalite, kè kontan, zanmitay, pale an piblik. Negatif: Solitè, mosad, pa pale.

## 1 BONDYE ap tann ou tande! Nimewo

Lapriyè

Scroll 1 afimasyon 6 LGM

Mezanmi 1 Bondye, Kreyatè linivè ki pi bèl Gadyen gadyen fidèl ou ki pi enb (1<sup>st</sup> non) Mèsi pou chif yo



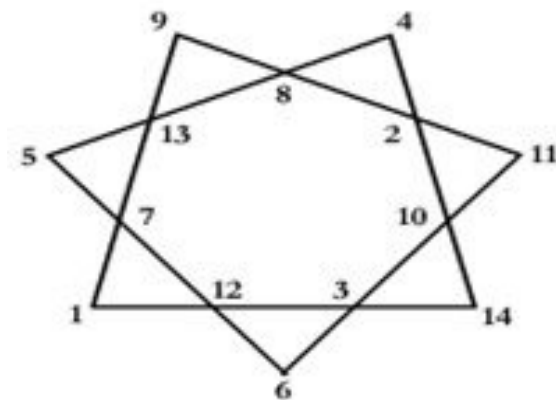
Nimewo ede nou konprann Linivè Numbers pou ede nan devwa gadyen gadyen Numbers pou eksitasyon mantal ak plezi.

Pou tout bèl pouvwa a 1 Bondye ak byen limanite

Lapriyè sa a itilize lè sa nesèsè!



## Majiknimewo



La **Heptagram majiknimewo** yo mete nan chak somè ak entèseksyon yo pou 4 nimewo yo sou chak liy sòm 30!

*Challenge*

Kreye yon etwal solèy heptagòn majik 7 pwent?

Plezi nankare majikse lefèt ke kèlkeswa fason yo ajoute nimewo nan yon kare:vètikal(v), orizontal(h)oswa diagonal(d) rezilta a se menm bagay la.

**Magic squares** Kare majik ak 9, 16, 25 nimewo

<b>Magic Squares</b>				v34	v34	v34	v34	d34
v15	v15	v15	d15	16	3	2	13	h34
8	1	6	h15	5	10	11	8	h34
3	5	7	h15	9	6	7	12	h34
4	9	2	h15	4	15	14	1	h34
d15				4 corners = 34				d34
v65	v65	v65	v65	v65	d65			
11	24	7	20	3	h65			
4	12	25	8	16	h65			
17	5	13	21	9	h65			
10	18	1	14	22	h65			
23	6	19	2	15	h65			
4 corners + middle = 65					d65			

Kreye yon kare majik 49 nimewo?



### Nimewo itilizasyon

**A:Enpènimewo** yo konpoze de 1, 3, 5, 7, 9, ak tout nimewo ki gen dènnye chif se youn nan sa yo.

**B:Menm** nimewo yo konpoze de 0, 2, 4, 6, 8, ak tout nimewo ki gen dènnye chif se youn nan sa yo.

**C:Tout antyenimewo** yo konpoze de nimewo enpè ak nimewo menm.

**D:Binèchif** yo se yon sistèm nimerik baz 2 ki itilize 2 senbòl, 0, 1.

**E:Pousan(%)** pou jwenn 15 % nan 50 miltipliye % ak nimewo a divize pa 100 =  $7.5$  !  $15 \cdot 50 : 100 = 7.5$

Eksprime yon % bay kòm yon fraksyon, miltipliye  $15 \cdot 100 / 100 = 15$

Eksprime yon % bay kòm yon desimal, miltipliye  $0.15 \cdot 100 = 15$

**F:Fraksyon** Yo bezwen 3 etap pou konvèti 15% nan fraksyon komen  
3 / 20 :**1.**kite siy % la.**2.**divize pa 100 \_  $15 / 100$ .**3.**diminye

nan tèm ki pi ba \_ 3 / 20 .

**G:Desimal** konvèti 15% nan desimal. Omite siy % la. Lè sa a, deplase pwen desimal % de kote yo sou bò gòch la= 0.15

**H:Sekans nati** nimewo pèmèt kreyasyon yon sekans nimewo pa egzanp 0, 1, 1, 2, 3... apre 2 nimewo inisyal, chak nimewo se sòm 2 nimewo anvan yo.

**mwen:Premye** nimewo, jwenn yo (nimewo antye divizib pa tèt yo) Pa egzanp, jwenn tout nonb premye yo rive 20. Lis tout nonb ki soti nan 2 a 20. Mete aksan sou 2 pa respekte tout miltip 2. Mete aksan sou pwochen nimewo a.

(3) ki pa make meprize tout miltip li yo. Repete jiskaske yo rive nan fen lis la. Premye yo se nimewo yo make.

2,3,5,7, 11, 13,17, 19,

**J:Womenn** nimewo yo baze sou sèten lèt nan alfabè a ki konbine pou siyifi sòm oswa diferans valè yo.

1 I , 2 II, 3 III, 4 IV, 5 V, 6 VI, 7 VII, 8 VIII, 9 IX, 10 X, 11 XI, 12 XII,.... 20 XX, 30 XXX, 45 XLV, 50 L, 76 LXXVI, 100 C, 500 D, 1000 M.

## Valè chif yo

**0 > Zewo**

**1 > Youn**

**5 > Senk**

**7 > Sèt**

**10 > Dis**

**50 > Senkant**

**100 > San**

**500 > Senksan 1,000 >**

**Mil**

**5,000 > Senk mil**

**10,000 > Dis mil**

**50,000 > Senkant mil**

**100,000 > San mil**

**500,000 > Senksan mil**

**1,000,000 > Milyon**

**10,000,000, > Dis milyon**

**100,000,000 > San milyon**

**1,000,000,000 > Milya**

**10,000,000,000 > Dis milya**

**100,000,000,000 > San milya**

1,000,000,000,000 > Milya dola  
 10,000,000,000,000 > Dis milya  
 100,000,000,000,000 > San milya  
 1,000,000,000,000,000 > billions  
 10,000,000,000,000,000 > dis billions  
 100,000,000,000,000,000 > San milya  
 1,000,000,000,000,000,000 > Zillion  
 10,000,000,000,000,000,000 > Dis zilyon  
 100,000,000,000,000,000,000 > San zillion

**Remak!**Soti nan dwa a goch yo mete yon vigil apre chak 3rdchif.

# Mathematical symbols

=rezilta egal a

≠pa egal a

≡idantik egal a

+ ajoute fusions plis pase 1 rezilta konte

- take-away diminye yon rezilta anvan

±plis oswa mwens

∓mwens oswa plis

• oswaxmiltipliye (*pi senp*)konte kantite atik ki sanble

÷divize pòsyon nan yon rezilta anvan

> pi gran pase

<mwens pase

≥egal a oswa pi gran pase

≤egal a oswa mwens pase

≠ pa pi gran pase

≠ pa mwens pase

%pousan

%pèmil

~se pwopòsyonèl ak

≈se apeprè egal a

ΩOmega, sòm tout miltiplisite faktè premye

□koresponn ak

ΔDelta, diferans

πPi, pwodwi

ΣSigma, sòm de

nan √rasin kare

{ }aparèy òtopedik, mete vid {,}

[ ]parantèz kare

ansanm nan (*resize*) {...}&konsa

( )parantèz

sou, seri enfini

∴se poutèt sa

∴paske, depi





⊆ sou-ansanm

⊇ super seri



∈ eleman nan

∉ pa eleman nan



∅ seri vid

U seri inivèsèl



∫ entegral

∮ entegral kontou fèmen

∬ doub entegral

∯ sifas fèmen entegral



∭ trip entegral

∭ volim fèmen entegral

## Mezi

Gadyen gadyen sèvi ak estanda New Age(NA) pou mezire. Yon vèsyon metrik mete ajou. Yon sèvis kominotè UCG.

**Longè bazinite:** mètr(m)~

**Zòn Bazinite:** mètr kare(m<sup>2</sup>)~3 D mètr(m<sup>3</sup>)~ **Volim Baz**

**inite:** lit(l)~ **Pwa bazinite:** gram(g)

**Mezire prefiks.** Sèvi ak prefiks majiskil pou pouwva pozitif.

Prefiks Senbòl Pouwva[ ]Valè

Yotta	Y	10 <sup>[24]</sup>	1,000,000,000,000,000,000,000,000
Zetta	Z	10 <sup>[21]</sup>	1,000,000,000,000,000,000,000
Egza	E	10 <sup>[18]</sup>	1,000,000,000,000,000,000
Peta	P	10 <sup>[15]</sup>	1,000,000,000,000,000
Tera	T	10 <sup>[12]</sup>	1,000,000,000,000
Giga	G	10 <sup>[9]</sup>	1,000,000,000
Mega	M	10 <sup>[6]</sup>	1,000,000
Myria	mwen	10 <sup>[4]</sup>	10,000
Kilo	K	10 <sup>[3]</sup>	1,000
Hecto	H	10 <sup>[2]</sup>	100
Deka	D	10 <sup>[1]</sup>	10
<b>baz</b>	<b>b</b>	10 <sup>[0]</sup>	1
desi	d	10 <sup>[-1]</sup>	0.1
santim	c	10 <sup>[-2]</sup>	0.01
mili	m	10 <sup>[-3]</sup>	0.001
mikwo	μ	10 <sup>[-6]</sup>	0.000,001

nano	n	10 <sup>[-9]</sup>	0.000,000,001
piko	p	10 <sup>[-12]</sup>	0.000,000,000,001
femto	f	10 <sup>[-15]</sup>	0.000,000,000,000,001
atto	a	10 <sup>[-18]</sup>	0.000,000,000,000,000,001
zepto	z	10 <sup>[-21]</sup>	0,000,000,000,000,000,000,001
yokto	y	10 <sup>[-24]</sup>	0,000,000,000,000,000,000,000,001

**Longè bazinite:** mèt(m)~ prefiks ti lèt yo(≤) valè de baz.[0] Parantèz di valè pouvwa. Distans ant 2 pwen. Pa egzanp 0..Pòtapiman..10 = 10

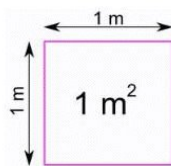
Prefiks	Senbòl	Pouvwa[ ]	Valè
1 Yotta	Ym	10 <sup>[24]</sup>	1,000,000,000,000,000,000,000,000
1 Zetta	Zm	10 <sup>[21]</sup>	1,000,000,000,000,000,000,000,000
1 Egza	Em	10 <sup>[18]</sup>	1,000,000,000,000,000,000,000
1 Peta	Pm	10 <sup>[15]</sup>	1,000,000,000,000,000,000
1 Tera	Tm	10 <sup>[12]</sup>	1,000,000,000,000,000
1 Giga	Gm	10 <sup>[9]</sup>	1,000,000,000
1 Mega	Mm	10 <sup>[6]</sup>	1,000,000
1 Myria	Mym	10 <sup>[4]</sup>	10,000
1 Kilo	Km	10 <sup>[3]</sup>	1,000
1 ekto	Hm	10 <sup>[2]</sup>	100
1 Dekà	Dm	10 <sup>[1]</sup>	10
1 mèt	m	10 <sup>[0]</sup>	1
1 desi	dm	10 <sup>[-1]</sup>	0.1
1 santim	cm	10 <sup>[-2]</sup>	0.01
1 mili	mm	10 <sup>[-3]</sup>	0.001
1 mikwo	µm	10 <sup>[-6]</sup>	0.000,001
1 nano	nm	10 <sup>[-9]</sup>	0.000,000,001
1 piko	pm	10 <sup>[-12]</sup>	0.000,000,000,001
1 femto	fm	10 <sup>[-15]</sup>	0.000,000,000,000,001
1 ato	am	10 <sup>[-18]</sup>	0.000,000,000,000,000,001
1 zepto	zm	10 <sup>[-21]</sup>	0,000,000,000,000,000,000,001
1 yokto	ym	10 <sup>[-24]</sup>	0,000,000,000,000,000,000,000,001

**Mèt kareinite:** mèt(m<sup>2</sup>)~ prefiks ti lèt yo(≤) valè de baz.[0] Parantèz di valè pouvwa. Lajè, lajè yon zòn miltipliye.

Pa egzanp 10 • 10 = 100 m<sup>2</sup>

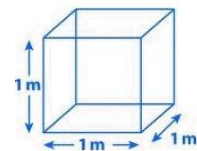
Prefiks	Senbòl	Pouvwa[ ]	Valè
1 Yotta	Ym <sup>2</sup>	10 <sup>[24]</sup>	1,000,000,000,000,000,000,000,000

1 Zetta	Zm <sup>2</sup>	10[21]	1,000,000,000,000,000,000,000
1 Egza	Em <sup>2</sup>	10[18]	1,000,000,000,000,000,000,000
1 Peta	Pm <sup>2</sup>	10[15]	1,000,000,000,000,000,000
1 Tera	Tm <sup>2</sup>	10[12]	1,000,000,000,000,000
1 Giga	Gm <sup>2</sup>	10[9]	1,000,000,000
1 Mega	Mm <sup>2</sup>	10[6]	1,000,000
1 Myria	Mym <sup>2</sup>	10[4]	10,000
1 Kilo	Km <sup>2</sup>	10[3]	1,000
1 ekto	Hm <sup>2</sup>	10[2]	100
1 Deka	Dm <sup>2</sup>	10[1]	10
1 mèt	m <sup>2</sup>	10[0]	1
1 desi	dm <sup>2</sup>	10[-1]	0.1
1 santim	cm <sup>2</sup>	10[-2]	0.01
1 mili	mm <sup>2</sup>	10[-3]	0.001
1 mikwo	µm <sup>2</sup>	10[-6]	0.000,001
1 nano	nm <sup>2</sup>	10[-9]	0.000,000,001
1 piko	pm <sup>2</sup>	10[-12]	0.000,000,000,001
1 femto	fm <sup>2</sup>	10[-15]	0.000,000,000,000,001
1 ato	am <sup>2</sup>	10[-18]	0.000,000,000,000,000,001
1 zepto	zm <sup>2</sup>	10[-21]	0,000,000,000,000,000,000,000,001
1 yokto	ym <sup>2</sup>	10[-24]	0,000,000,000,000,000,000,000,000,001



Kare  
mèt  
(m<sup>2</sup>)

Kib  
mèt  
(m<sup>3</sup>)



**Mèt kibinite:** mèt(m<sup>3</sup>)~ prefiks ti lèt yo(≤)valè de baz.[0]Parantèz di valè pouwa.Lajè, lajè, pwofondè yon zòn miltipliye.Pa egzanp 10 • 10 • 10 = 1000 m<sup>3</sup>

Prefiks	Senbòl	Pouwa[ ]	Valè
1 Yotta	Ym <sup>3</sup>	10[24]	1,000,000,000,000,000,000,000,000,000
1 Zetta	Zm <sup>3</sup>	10[21]	1,000,000,000,000,000,000,000,000
1 Egza	Em <sup>3</sup>	10[18]	1,000,000,000,000,000,000,000
1 Peta	Pm <sup>3</sup>	10[15]	1,000,000,000,000,000,000
1 Tera	Tm <sup>3</sup>	10[12]	1,000,000,000,000,000
1 Giga	Gm <sup>3</sup>	10[9]	1,000,000,000
1 Mega	Mm <sup>3</sup>	10[6]	1,000,000
1 Myria	Mym <sup>3</sup>	10[4]	10,000
1 Kilo	Km <sup>3</sup>	10[3]	1,000

1 ekto	Hm <sup>3</sup>	10[2]	100
1 Deka	Dm <sup>3</sup>	10[1]	10
1 mèt	m <sup>3</sup>	10[0]	1
1 desi	dm <sup>3</sup>	10[-1]	0.1
1 santim	cm <sup>3</sup>	10[-2]	0.01
1 mili	mm <sup>3</sup>	10[-3]	0.001
1 mikwo	µm <sup>3</sup>	10[-6]	0.000,001
1 nano	nm <sup>3</sup>	10[-9]	0.000,000,001
1 piko	pm <sup>3</sup>	10[-12]	0.000,000,000,001
1 femto	fm <sup>3</sup>	10[-15]	0.000,000,000,000,001
1 ato	am <sup>3</sup>	10[-18]	0.000,000,000,000,000,001
1 zepto	zm <sup>3</sup>	10[-21]	0,000,000,000,000,000,000,001
1 yokto	ym <sup>3</sup>	10[-24]	0,000,000,000,000,000,000,000,001

**Volim Bazinite:**lit(l)~ prefiks ti lèt yo(≤)valè de baz. [0]Parantèz di valè pouwva.Volim ant 2 mezi.Pa egzantp 0..Pòtapiman..10 = 10

Prefiks	Senbòl	Pouwva[ ]	Valè
1 Yotta	YI	10[24]	1,000,000,000,000,000,000,000,000
1 Zetta	ZI	10[21]	1,000,000,000,000,000,000,000,000
1 Egza	EI	10[18]	1,000,000,000,000,000,000,000
1 Peta	PI	10[15]	1,000,000,000,000,000,000
1 Tera	TI	10[12]	1,000,000,000,000
1 Giga	GI	10[9]	1,000,000,000
1 Mega	MI	10[6]	1,000,000
1 Myria	Myl	10[4]	10,000
1 Kilo	KI	10[3]	1,000
1 ekto	HI	10[2]	100
1 Deka	DI	10[1]	10
1 lit	I	10[0]	1
1 desi	dl	10[-1]	0.1
1 santim	cl	10[-2]	0.01
1 mili	ml	10[-3]	0.001
1 mikwo	µl	10[-6]	0.000,001
1 nano	nl	10[-9]	0.000,000,001
1 piko	pl	10[-12]	0.000,000,000,001
1 femto	fl	10[-15]	0.000,000,000,000,001
1 ato	al	10[-18]	0.000,000,000,000,000,001
1 zepto	zl	10[-21]	0,000,000,000,000,000,000,001

1 yoktoyl

$10^{-24}$  0.000,000,000,000,000,000,001



Volim  
(l)

Pwa  
(g)



**Pwa bazinite:** gram(g)~ prefiks ti lèt yo ( $\leq$ ) valè de baz. [0] Parantèz di valè pouwwa. Pwa ant 2 mezi. Pa egzantp 0.. Pòtapiman..  $10 = 10$

Prefiks	Senbòl	Pouwwa [ ]	Valè
1 Yotta	Yg	$10^{24}$	1,000,000,000,000,000,000,000,000
1 Zetta	Zg	$10^{21}$	1,000,000,000,000,000,000,000
1 Egza	Pa egzantp	$10^{18}$	1,000,000,000,000,000,000
1 Peta	Pg	$10^{15}$	1,000,000,000,000,000
1 Tera	Tg	$10^{12}$	1,000,000,000,000
1 Giga	Gg	$10^9$	1,000,000,000
1 Mega	Mg	$10^6$	1,000,000
1 Myria	Mg	$10^4$	10,000
1 Kilo	Kg	$10^3$	1,000
1 ekto	Hg	$10^2$	100
1 Deka	Dg	$10^1$	10
1 gram	g	$10^0$	1
1 desi	dg	$10^{-1}$	0.1
1 santim	cg	$10^{-2}$	0.01
1 mili	mg	$10^{-3}$	0.001
1 mikwo	$\mu$ g	$10^{-6}$	0.000,001
1 nano	ng	$10^{-9}$	0.000,000,001
1 piko	paj	$10^{-12}$	0.000,000,000,001
1 femto	fg	$10^{-15}$	0.000,000,000,000,001
1 ato	ag	$10^{-18}$	0.000,000,000,000,000,001
1 zepto	zg	$10^{-21}$	0,000,000,000,000,000,000,001
1 yokto	yg	$10^{-24}$	0,000,000,000,000,000,000,000,001

**PS-1**(Anbalaj-estanda)kouvri bezwen konsomatè yo: onèt fasil pou konpare pwodwi kantite ', anbalaj. Anbalaj se resikle.

Gouvènman bezwen estandadize gwosè kontni anbalaj: solid(gram, Kg), likid(lit). Estanda dwe aplike nan anbalaj komèsyal, endistriyèl ak pèsònèl. Anbalaj yo dwe resikle tou.

Linivè Gadyen gadyen anbalaj estanda tab.

Pwa solid(g, Kg)ak pwa likid(l)kapab sèlman chaje, distribye-

itilize, vann nan 14 kantite yo montre nan tablo a.

10 mg > 20 mg > 50 mg > 100 mg 200  
mg > 500 mg > 1 g > 10 g > 50 g 100 g  
> 200 g > 500 g >  
1 Kg > 2 Kg > 5 Kg > 10 Kg > 50 Kg 100  
Kg > 500 Kg > 1000 Kg > 2000 Kg



10 ml > 20 ml > 50 ml > 100 ml  
200 ml > 500 ml >  
l > 10 l > 50 l > 100 l > 200 l  
500 l > 1000 l > 2000 l

**Konsomatè Gid:** Solid, pwa likid bezwen montre pri a pou 1 kg, 1 l pou konpare pri + pwa aktyèl la ak pri. **Anbalaj yo dwe resikle.**

Yon pwodwi ki pi ba kg, pri l se '**Negosye**'.

Ekonomi oryante pwofi pèmèt kriminèl imoral '**Anbalaj twonpe (fwod)**'. Konsomatè yo bezwen pwoteksyon kont pwodiktè twonpèt, visye, pwofite, pwodiktè malonèt, manifaktirè yo ak détaillants ki itilize 'anbalaj twonpe yo'. (base kontni gwo) pou pran avantaj (rache) nan konsomatè yo. **MSR3 Sipò PS-1 Anbalaj estanda ak kenbe responsab pakè twonpe.**

**Egzanp yo:** Yon pwodwi manifakti vini nan yon pake 0.440 kg lè l sèvi avèk etikèt mak yo. Se menm pwodwi a tou make kòm yon mak lakay détaillants, men kontni an pake redwi a 0.415 kg. Sa a se fè pou revandè a ka vann mak lakay yo nan yon pri pi ba pase mak manifakti a. Sa a se yon Trick twonpe, malonèt ak visye twonpe konsomatè a nan panse ke mak la kay se yon piyay paske nan pri ki pi ba li yo. Lè an reyalyte, paske konsomatè a jwenn mwens pwodwi pa gen okenn ekonomize epi pafwa konsomatè a an reyalyte fini peye plis.

2<sup>nd</sup> manifakti vann nan yon pri pi ba, pwodwi li sanble ak yon piyay. Paske gen mwens pwodwi nan 2<sup>nd</sup> pake li ta dwe se poutèt sa vann pou mwens, pa fè li yon piyay ankò. 2<sup>nd</sup> manifakti espere nan yon fason twonpe, malonèt ak visye, ke konsomatè a pa pral tcheke pwa a depi anbalaj li sanble ak pwodwi yo konpetisyon.

Anbalaj vini souvan ak mwens pase kontni konplè (anbalaj ki twò gwo). Tronpe sa a vle di pou twonpe konsomatè yo nan kwè yo jwenn

plis lè sa a yo aktyèlman jwenn!

Gouvènman bezwen estandadize gwosè kontni anbalaj: solid(gram, Kg)ak likid(lit).Estanda dwe aplike nan anbalaj komèsyal, endistriyèl ak pèsònèl.Anbalaj yo dwe resikle tou.

## Morsekòd

Yon metòd yo itilize nan telekominikasyon.Dire siyal:pwen, priz!

Longè yon pwen se 1 inite! Dash se 3 inite!Espas ki genyen ant pati nan menm lèt la se 1 inite.Espas ant lèt 3 inite. Espas ant mo yo se 7 inite.

A ● ■	M ■ ■ ■	Y ■ ■ ● ■ ■ ■
B ■ ■ ● ●	N ■ ■ ●	Z ■ ■ ■ ■ ● ●
C ■ ■ ● ■ ■ ●	O ■ ■ ■ ■ ■ ■	1 ● ■ ■ ■ ■ ■ ■ ■ ■
D ■ ■ ● ●	P ● ■ ■ ■ ■ ●	2 ● ● ■ ■ ■ ■ ■ ■
E ●	Q ■ ■ ■ ■ ● ■ ■	3 ● ● ● ■ ■ ■ ■ ■
F ● ● ■ ■ ●	R ● ■ ■ ●	4 ● ● ● ● ■ ■ ■ ■
G ■ ■ ■ ■ ●	S ● ● ●	5 ● ● ● ● ●
H ● ● ● ●	T ■ ■	6 ■ ■ ■ ● ● ● ●
I ● ●	U ● ● ■ ■	7 ■ ■ ■ ■ ● ● ●
J ● ■ ■ ■ ■ ■ ■ ■ ■	V ● ● ● ■ ■ ■	8 ■ ■ ■ ■ ■ ■ ■ ● ●
K ■ ■ ● ■ ■ ■	W ● ■ ■ ■ ■ ■	9 ■ ■ ■ ■ ■ ■ ■ ■ ●
L ● ■ ■ ■ ● ●	X ■ ■ ● ● ■ ■ ■	0 ■ ■ ■ ■ ■ ■ ■ ■ ■ ■

SOS se yon siyal detrès kòd Morse

**SOS**

● ● ● ■ ■ ■ ■ ■ ■ ■ ● ● ●