Lesson 14a:
Numbers and Counting

Numbers and Counting [nambari na hesabu]

A). Numbers
B). The order in which the numbers are stated
C). How numbers and noun class [ngeli] go together
D). Questions with numbers (age, siblings, house, year, phone)

A). Numbers

0 - 9	
sifuri	[zero]
moja	[one]
mbili	[two]
tatu	[three]
nne	[four]
tano	[five]
sita	[six]
saba	[seven]
nane	[eight]
tisa	[nine]
kumi (0)	
kumi	[ten]
kumi na moja	[11]
kumi na mbili	[12]
kumi na tatu	[13]
kumi na nne	[14]
kumi na tano	[15]
kumi na sita	[16]
kumi na saba	[17]
kumi na nane	[18]
kumi na tisa	[19]
ishirini	[20]

thelathini	[30]
arobaini	[40]
hamsini	[50]
sitini	[60]
sabini	[70]
themanini	[80]
tisini	[90]
mia (00)	
mia; mia moja	[100]
mia mbili	[200]
mia tatu	[300]
mia nne	[400]
mia tano	[500]
mia sita	[600]
mia saba	[700]
mia nane	[800]
mia tisa	[900]
elfu (000)	
elfu; elfu moja	[1,000]
elfu mbili	[2,000]
elfu tatu	[3,000]
elfu nne	[4,000]
elfu tano	[5,000]
elfu sita	[6,000]
elfu saba	[7,000]
elfu nane	[8,000]
elfu tisa	[9,000]
laki moja; elfu mia moja	[100,000]
laki mbili; elfu mia mbili	[200,000]
laki tatu; elfu mia tatu	[300,000]
laki nne; elfu mia nne	[400,000]
laki tano; elfu mia tano	[500,000]
laki sita; elfu mia sita	[600,000]
laki saba; elfu mia saba	[700,000]
laki nane; elfu mia nane	[800,000]
laki tisa; elfu mia tisa	[900,000]
milioni (000,000)	
milioni; milioni moja	[1,000,000]

milioni mbili	[2,000,000]
milioni tatu	[3,000,000]
milioni nne	[4,000,000]
milioni tano	[5,000,000]
milioni sita	[6,000,000]
milioni saba	[7,000,000]
milioni nane	[8,000,000]
milioni tisa	[9,000,000]
bilioni (000,000,000)	
bilioni; bilioni moja	[1,000,000,000]
bilioni mbili	[2,000,000,000]
bilioni tatu	[3,000,000,000]
bilioni nne	[4,000,000,000]
bilioni tano	[5,000,000,000]
bilioni sita	[6,000,000,000]
bilioni saba	[7,000,000,000]
bilioni nane	[8,000,000,000]
bilioni tisa	[9,000,000,000]

B). The order in which the numbers are stated

thelathini na moja	[31]
mia tatu na kumi	[310]
mia tatu, kumi na saba	[317]
elfu tatu, mia tatu kumi na saba	[3,317]
elfu mia tatu, mia tatu kumi na saba	[300,317]
milioni tatu, elfu mia tatu thelathini na tatu, mia tatu kumi na saba	[3,333, 317]

C). How numbers and noun class go together [numbers and noun agreements]

- Noun class is marked on numbers as in the examples below.
- When stating numbers, always start with the noun.
- Swahili numbers do take **noun agreements** except: **6, 7, 9, 10** and all the **multiples.** When stating numbers always start with the **noun.**

Mifano:	
1. mwanafunzi **m**moja	[one student]
2. wanafunzi **wa**wili	[two students]
3. wanafunzi **wa**tatu	[three students]
4. wanafunzi **wa**nne	[four students]
5. wanafunzi **wa**tano	[five students]
6. wanafunzi sita	[six students]
7. wanafunzi saba	[seven students]
8.wanafunzi **wa**nane	[eight students]
9. wanafunzi tisa	[nine students]
10. wanafunzi kumi	[ten students]
11. wanafunzi kumi na **m**moja	[eleven students]
12. wanafunzi kumi na **wa**wili	[twelve students]

Numbers and their agreements in various noun classes

NOUN CLASS	NOUN	MOJA	MBILI	TATU	NNE	TANO	SITA	SABA	NANE	TISA	KUMI
M	Mtoto	Mmoja	--------	--------	---------	--------	-----	------	---------	----	-------
WA	Watoto	--------	Wawili	Watatu	Wanne	Watano	Sita	Saba	Wanane	Tisa	Kumi
KI	Kisu	Kimoja	--------	---------	---------	---------	-----	-------	---------	----	------
VI	Visu	---------	Viwili	Vitatu	Vinne	Vitano	Sita	Saba	Vinane	Tisa	Kumi
M	Mguu	Mmoja	--------	---------	---------	---------	-----	-------	---------	----	-------
MI	Miguu	---------	Miwili	Mitatu	Minne	Mitano	Sita	Saba	Minane	Tisa	Kumi
JI	Jina	Moja	--------	---------	---------	---------	-----	-------	---------	----	-------
MA	Majina	---------	Mawili	Matatu	Matano	Matano	Sita	Saba	Manane	Tisa	Kumi
N	Nyumba	Moja	--------	---------	---------	---------	-----	-------	---------	----	-------
N	Nyumba	---------	Mbili	Tatu	Nne	Tano	Sita	Saba	Manane	Tisa	Kumi
U	Ukuta	Mmoja	--------	---------	---------	---------	-----	-------	---------	----	-------
ZI	Kuta	---------	Mbili	Tatu	Nne	Tano	Sita	Saba	Nane	Tisa	Kumi
U	Uji	---------	--------	---------	---------	---------	-----	-------	---------	----	-------
U	Uji	---------	--------	---------	---------	---------	-----	-------	---------	----	-------
KU	Kuimba	---------	--------	---------	---------	---------	-----	-------	---------	----	-------
KU	Kuimba	---------	--------	---------	---------	---------	-----	-------	---------	----	-----
PA	Pahali	Pamoja	Pawili	---------	---------	---------	-----	-------	---------	----	-------
PA	Pahali	---------	--------	Patatu	Panne	Patano	Sita	Saba	Nane	Tisa	Kumi
MU	Shuleni	---------	--------	---------	---------	---------	-----	-------	---------	----	-------
MU	Shuleni	---------	--------	---------	---------	---------	-----	-------	---------	----	-------

Mifano:	
1. mwanafunzi **m**moja	[one student]
2. wanafunzi **wa**wili	[two students]
3. wanafunzi sita	[six students]
4. wanafunzi ishirini na **wa**tatu	[twenty three students]
5. wanafunzi thelathini	[thirty students]
6. kiti **ki**moja	[one chair]
7. viti **vi**wili	[two chairs]
8. viti sita	[six chairs]
9. viti ishirini na **vi**tatu	[twenty three chairs]
10. viti thelathini	[students]
11. mti **m**moja	[one tree]
12. miti **mi**wili	[two trees]
13. miti sita	[six trees]
14. miti ishirini na **mi**tatu	[twenty three trees]
15. miti thelathini	[thirty trees]

Mifano zaidi:	
1. walimu kumi na mmoja	[one student]
2. viti kumi na moja	[eleven chairs]
3. nyumba ishirini na mbili	[twenty two houses]
4. macho matano	[five eyes]
5. madarasa manane	[eight classes]
6. rafiki kumi na watatu	[thirteen friends]
7. pahali tisa	[nine places]
8. Nilinunua kalamu nne.	[I bought four pens.]
9. Nina paka wawili.	[I have two cats.]
10. Nina dola/shilingi tano.	[I have five dollars/shillings.]
11. Nina gari moja.	[I have one car.]
12. Nina madarasa sita/saba/ manane/tisa/kumi/etc.	[I have six/seven/eight/nine/ten classes.]
13. Nilinunua viatu viwili.	[I bought two shoes.]
14. Nina miaka mitano.	[I am five years old.]
15. Nina miaka kumi na minane/kumi na tisa/ ishirini/ ishirini na mmoja/ ishirini na miwili/ ishirini na mitatu.	[I am eighteen/nineteen/twenty/twenty one/ twenty two/ twenty three years old.]
16. Nina miaka mia moja na mmoja	[I am one hundred and one years old.]

Zingatia [Note]	
mwaka/miaka	[year/years]
-ngapi?	[how many?]
Mingapi?	[how many?]
nambari	[number]
gani	[what?]
ni	[is]
huu	[this]
wangapi?	[how many?]
simu	[telephone]
nambari ya simu	[telephone number]
mwaka	[year]
mwaka jana	[last year]
mwaka kesho/ujao	[next year]
mwaka huu/huu mwaka	[this year]

Question Formation

Mifano:

I. STATING NUMBERS OF SIBLINGS:

1. Una kaka wangapi?

[How many brothers do you have?]

a). Nina kaka mmoja na dada mmoja.	[I have one brother and one sister.]
b). Nina kaka mmoja na dada wawili.	[I have one brother and two sisters.]
c). Sina kaka lakini nina dada sita.	[I don't have brothers but I have six sisters.]
d). Sina kaka.	[I have no brother.]
e). Sina dada.	[I have no sister.]

II. STATING YOUR AGE:

1. Una miaka mingapi?

[How old are you/how many years do you have?]

a). Nina miaka kumi na miwili.	[I am 12 years old.]
b). Nina miaka saba.	[I am 7 years old.]

III. STATING YOUR HOUSE NUMBER:

1. Nambari yako ya nyumba ni gani?

[What is your house number?]

a). Nambari yangu ya nyumba ni _____.	[The number of my house is _____.]
b). Nambari yangu ni _____.	[My number is _____.]
c). Ni barabara ya _____.	[It is the street of _____.]

IV. STATING YOUR TELEPHONE NUMBER

1. Nambari yako ya simu ni gani?

[What is your telephone number?]

a). Nambari yangu ya simu ni _____.	[My telephone number is _____.]
b). Nambari yangu ni _____.	[My number is _____.]
c). Ni _____.	[It is _____.]

V. STATING THE YEAR:	
1. Huu ni mwaka gani? [Which year is this?]	
a). Huu ni mwaka wa elfu mbili kumi na moja.	[This year is 2011.]
b). Ni mwaka wa elfu mbili na kumi na moja.	[It is the year 2011.]
c). Ni elfu mbili na kumi na moja. / Ni 2011.	[It is 2011.]
2. Mwaka jana ulikuwa gani? [Which year was last year?]	
a). Mwaka jana ulikuwa elfu mbili na kumi.	[Last year was 2010.]
b). Ulikuwa elfu mbili na tisa. / Ulikuwa 2010.	[It was 2010.]
3. Mwaka ujao/kesho utakuwa gani? [Which year will next year be?]	
a). Mwaka ujao utakuwa elfu mbili na kumi na mbili.	[Next year will be 2012.]
b). Utakuwa elfu mbili na kumi na mbili. / Utakuwa 2012.	[It will be 2012.]

Lesson 14b:
Fractions

Fractions	[akisami]

Fractions	
nusu	[half]
theluthi / thuluthi	[a third]
robo	[a quarter]
humusi	[a fifth]
sudusi / sudusu	[a sixth]
subui	[a seventh]
thumuni	[an eighth]
tusui	[a ninth]
ushuri	[a tenth]
robo tatu	[three quarters]
thuluthi mbili	[two thirds]
humusi nne	[four fifths]
subui mbili	[two sevenths]
thumuni tatu	[three eighths]
sudusi tano	[five sixths]
tusui nane	[eight ninths]
ushuri tisa	[nine tenths]
subui sita	[six sevenths]
ushuri tatu	[three tenths]
thumuni mbili	[two eighths]

Zingatia [Note]	
asilimia	[percentage]

Sentence Formation
Mifano:
1. Darasa la Kiswahili lina wanafunzi thuluthi mbili leo. [The Kiswahili class has two thirds of the students today.]
2. Nitalipa ushuri tatu wa mshahara wangu wote. [I will pay three tenths of my whole salary.]
3. Wanafunzi robo tatu wa KU ni wanawake. [Three quarters of the KU students are women.]
4. Nusu ya idadi ya watu Marekani ni maskini. [Half of the American population is poor.]
5. Nimekula humusi moja ya ndizi. [I have eaten a fifth of the banana.]