(A) Let That Mongo! (1/2) [Solution]

A1. Two solutions are possible. One solution is:

Each Mongo verb has a root form. The 4 verb forms shown here are formed by adding a prefix before the root form. The prefix for the imperative form is **Ø- (i.e., no prefix)**, the prefix for the 2nd singular form is **o-**, the prefix for the 3rd singular form is **a-**, and the prefix for the 3rd plural form is **ba-**.

However, we are not done yet: to get the final verb form, we must apply some sound change rules. The relevant rules are:
1. If there are two **vowels**, in a row, delete **the first one**.
2. Delete **b** when it appears between two **vowels**.
3. Change **o** to **w** when it appears before a **vowel**.

There is one final wrinkle: the order that these rules are applied in matters. The rules must be applied in this order: First apply rule **3**, then rule **1**, then rule **2**.

Same solution, in table format:

(1)	Ø-	(8)	vowels
(2)	o-	(9)	o
(3)	a-	(10)	w
(4)	ba-	(11)	vowel
(5)	vowels	(12)	3
(6)	the first one	(13)	1
(7)	b	(14)	2

The other possible solution is:

Each Mongo verb has a root form. The 4 verb forms shown here are formed by adding a prefix before the root form. The prefix for the imperative form is **Ø- (i.e., no prefix)**, the prefix for the 2nd singular form is **w-**, the prefix for the 3rd singular form is **a-**, and the prefix for the 3rd plural form is **ba-**.

However, we are not done yet: to get the final verb form, we must apply some sound change rules. The relevant rules are:
1. If there are two **vowels**, in a row, delete **the first one**.
2. Delete **b** when it appears between two **vowels**.
3. Change **w** to **o** when it appears before a **consonant**.

There is one final wrinkle: the order that these rules are applied in matters. The rules must be applied in this order: First apply rule **1**, then rule **3**, then rule **2**.

(see next page table format of this second solution)

(A) Let That Mongo! (2/2) [Solution]

Table format of second solution (cells marked with * are those that differ from the first solution):

(1)	Ø-	(8)	vowels
(2)*	w-	(9)*	w
(3)	a-	(10)*	o
(4)	ba-	(11)*	consonant
(5)	vowels	(12)*	1
(6)	the first one	(13)*	3
(7)	b	(14)	2

A2. The completed table is:

Imperative	2nd singular	3rd singular	3rd plural	English
bakisa	(1) **oakisa**	(2) **aakisa**	(3) **baakisa**	'add'
(4) **anda**	wanda	(5) **anda**	(6) **banda**	'begin'
solola	(7) **osolola**	(8) **asolola**	basolola	'chat'
ponama	(9) **oponama**	aponama	(10) **baponama**	'elect'
(11) **bowa**	oowa	(12) **aowa**	(13) **baowa**	'cure'
(14) **balusa**	(15) **oalusa**	aalusa	(16) **baalusa**	'turn'
loŋga	(17) **oloŋga**	(18) **aloŋga**	(19) **baloŋga**	'win'