

# (I) Up in Flames (1/1) [5 Points]

Ik is a language spoken by around 14,000 people in Uganda. Below are some nouns in Ik in their singular and plural forms, along with their English translations.

It may be helpful to know that  $\epsilon$ ,  $i$ ,  $\upsilon$ , and  $\text{ʉ}$  are vowels pronounced similarly to **e**, **i**, **o**, and **u**, respectively, but with the base of the tongue positioned farther back<sup>1</sup>. All of **b**, **d**, **j**, **k**, **ŋ**, **ŋ**, and **ts'** are consonants.

Singular	Plural	Translation
<b>agita</b>	<b>agitika</b>	<i>metal ring</i>
<b>arira</b>	(1) <input type="text"/>	<i>flame</i>
<b>babaa</b>	<b>babaika</b>	<i>armpit</i>
<b>bɛfa</b>	(2) <input type="text"/>	<i>viper</i>
<b>boo</b>	(3) <input type="text"/>	<i>cliff</i>
<b>ats'a</b>	(4) <input type="text"/>	<i>fig tree</i>
<b>isudama</b>	<b>isudamika</b>	<i>lie</i>
<b>jakama</b>	(5) <input type="text"/>	<i>elder, ancestor</i>
<b>julama</b>	(6) <input type="text"/>	<i>chunk, piece</i>
<b>kale</b>	<b>kalitini</b>	<i>debt</i>
<b>keama</b>	<b>kea</b>	<i>soldier</i>
<b>kinama</b>	<b>kinamika</b>	<i>mushroom</i>
<b>kwɔtɔma</b>	<b>kwɔta</b>	<i>enemy</i>
<b>ŋanɪɔɔ</b>	(7) <input type="text"/>	<i>leather whip</i>
<b>nekurumoti</b>	<b>nekurumotika</b>	<i>trench</i>
(8) <input type="text"/>	<b>ŋimɔkɔkaa</b>	<i>young man</i>
<b>ɔja</b>	<b>ɔjitini</b>	<i>sore, wound</i>
<b>ts'ɛa</b>	<b>ts'ɛitini</b>	<i>skin, hide</i>

I1. Fill in the gaps (1)–(8).

©2026, Devin Joe, North American Computational Linguistics Open Competition, Round 1

<sup>1</sup>Ik is usually written with tones, but they have been ignored for the purposes of this problem.

