

### Linguistics Competition

All competition tasks (№ 1, 2, 3) are for schoolchildren of any age.

You need to provide an explanation for your answers. Even a perfectly correct answer given without any justification, will receive a low grade.

1. Here are the names of the rulers of the Northern Kingdom (a state from J.R.R. Tolkien's books) and their descendants in Latin transcription:

ARGELEB, ARVELEG, ARAVAL, ARAPHOR, ARVEDUI,  
ARANARTH, ARANUIR, ARAGORN, ARAGLAS, ARAHAD,  
ARAGOST, ARAVORN, ARASSUIL, ARATHORN, ARGONUI,  
ARADOR.

Below are three more names from this dynasty; however, in one or two of them the third letter is superfluous:

ARAVIR, ARAVEGIL, ARAPHANT.

Task. Remove the extra letter where it's necessary. Explain your reasoning.

2. Here are some Belarusian\* words written in historical Belarusian Latin alphabet with stress marked and their English translations:

|                    |                              |
|--------------------|------------------------------|
| radyjahiénny       | radiogenic                   |
| radyjohráma        | radio-telegram               |
| radyjahráfija      | radiography                  |
| radyjeizatóp       | radioisotope                 |
| radyjolákátar      | radar                        |
| radyjopieradáča    | radio broadcast              |
| radyjostáncija     | radio station                |
| radyjotelefaníja   | radiotelephony               |
| radyjeterapíja     | radiation therapy            |
| radyjevuhliaródnny | radiocarbon                  |
| radyjachímik       | specialist in radiochemistry |

Task. Below are six more Belarusian words with gaps instead of the first root. Fill in the gaps. Explain your reasoning.

|                  |                                 |
|------------------|---------------------------------|
| _____ anténa     | radio aerial                    |
| _____ lóhija     | radiology                       |
| _____ nuklíd     | radionuclide                    |
| _____ rezistétny | radioresistant                  |
| _____ rúbka      | radio room                      |
| _____ téchnik    | specialist in radio engineering |

Note. **i** after a consonant and before a vowel **does not** make a sound and only indicates a special («soft») pronunciation of the previous consonant.

**c** = *ts* in *cats*; **č** = *ch* in *chess*; **ch** = *h* in *hot*; **j** = *y* in *yum*; **l** = *l* in *logic*; **y** is a vowel. The «´» mark indicates stress.

\* Belarusian belongs to the Slavic group of the Indo-European family. It is an official language of the Republic of Belarus, along with Russian, and is spoken by approx. 2.2 million people.

3. Here are some Pashto\* nouns (in Latin transcription) in singular and plural forms:

|                              |                    |                         |                 |
|------------------------------|--------------------|-------------------------|-----------------|
| <i>tapus</i> 'kite'          | <i>tapusān</i>     | <i>uṣ</i> 'camel'       | <i>uṣān</i>     |
| <i>krəs</i> 'crack'          | <i>krəsehār</i>    | <i>toṣ</i> 'cough'      | <i>toṣehār</i>  |
| <i>pastuwər</i> 'light rain' | <i>pastuwərūna</i> | <i>zum</i> 'son-in-law' | <i>zumān</i>    |
| <i>tabak</i> 'dish'          | <i>tabakuna</i>    | <i>čāl</i> 'swing'      | <i>čāluna</i>   |
| <i>tingun</i> 'tenacity'     | <i>tingununa</i>   | <i>šrak</i> 'whistling' | <i>šrakehār</i> |
| <i>kašak</i> 'watchman'      | <i>kašakān</i>     | <i>rap</i> 'second'     | <i>rapuna</i>   |
| <i>xər</i> 'snore'           | <i>xərehār</i>     | <i>grab</i> 'footfall'  | <i>grابهār</i>  |
| <i>lāmbuzən</i> 'swimmer'    | <i>lāmbuzənān</i>  | <i>məč</i> 'fly'        | <i>məčān</i>    |

Task 1. Specify the rules of forming the plural in Pashto.

Task 2. Form the plurals of the following Pashto nouns: *dār* 'gibbet', *dzaz* 'hiss', *laṣam* 'scorpion', *māmuriat* 'business trip', *toṭkamār* 'magician'.

Note. **č**, **ɽ**, **ṣ**, **š** and **ṭ** are special consonants, **ə** is a special vowel of Pashto; a dash above the vowel indicates its length.

\* Pashto is one of the Iranian languages spoken by more than 30 million people in Afghanistan and Pakistan.

Don't forget to **sign** your work (please, write the card number, your last name, school and grade) before **submitting** the work. You do not have to submit the sheet with the tasks. The tasks, their solutions and the results of the competition will be published at <http://turlom.olimpiada.ru> after November 20<sup>th</sup>.