

A Paradigm (English; Germanic, Indo-European)

Arrange the following 12 English words into a 3×4 (or 4×3) **Paradigm**.

*where, now, thence, whither, hither, then,
there, thither, hence, whence, here, when*

Note: Some of these words are archaic and are no longer used; others have gone metaphoric and changed their meanings. This puzzle is about the **original** meanings of these words.

Note that this paradigm, like all paradigms, consists of **two** mostly identical, superimposed, arrays of words, one array organized by the **forms** of the words – their shapes; this is the arrangement anyone can make just by looking at the words, without knowing what they mean – and the other array, organized by the **meanings** of the word.

There are two dimensions (vertical and horizontal) in each paradigm; each dimension has a set of rows or columns of varieties.

1. How would you label the two dimensions, in the **form** paradigm?
In the **meaning** paradigm?

(In the illustration below, the meaning dimensions are named *Number* and *Case*, and the form dimensions are defined by the suffixes only.).

2. How would you label the rows and columns in each dimension?
(In the illustration below, the rows and columns are labelled by types of Number and Case – e.g, *Nominative Case*, *Plural Number* – and are underlined; again, the form dimensions are defined by the suffixes only.).

3. In the **form** paradigm there is one box that stands out like a sore thumb. What is in that box? What *should* be in that box? How can you tell?

An illustration: a 2 × 5 Latin Noun Paradigm
(*filia, filiae*, fem, First Declension, ‘daughter’)

	<i>Number</i>	
<i>Case</i>	<u>Singular</u>	<u>Plural</u>
<u>Nominative</u>	<i>filia</i>	<i>filiae</i>
<u>Genitive</u>	<i>filiae</i>	<i>filiārum</i>
<u>Dative</u>	<i>filiae</i>	<i>filiīs</i>
<u>Accusative</u>	<i>filiam</i>	<i>filiās</i>
<u>Ablative</u>	<i>filiā</i>	<i>filiī</i>