
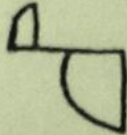
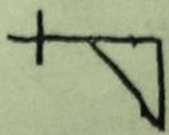
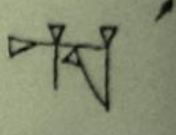
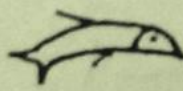




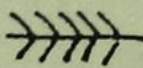
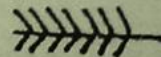
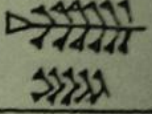
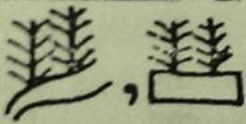
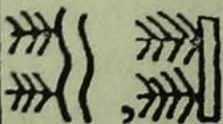
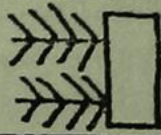
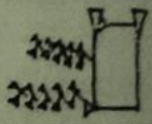

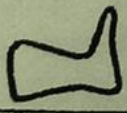

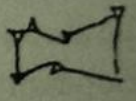
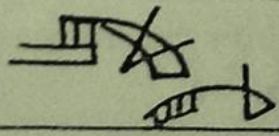



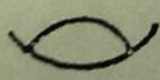
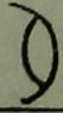

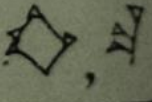
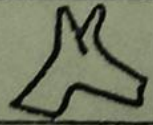

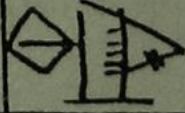

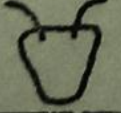
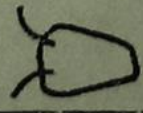

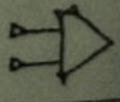
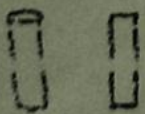
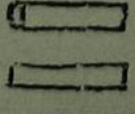
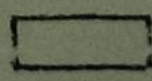
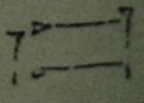


Forms of objects represented	The vertical form of the graphs and the vertical direction of the rows (from right to left)	The horizontal form of the graphs and the horizontal direction of the rows (from left to right)	The linear form of the graphs with the horizontal direction of the rows (from left to right)	The ancient cuneiforms
birds				
fish				
reed (of the grass)				
grass				
cup				
plough				
egg				
horn				
arrow				
				



Sumerian Language and its Main Characteristics .

Phonology

The sounds of the Sumerian language consisted of vowels and consonants. The basic phonemes in Sumerian is as follows : four short vowels a, e, i and u. Two semi vowels y and w. And the following consonants p, b, h, m, t, d, n, k, g, l, r, s, q, and other letters used , but in a minor way.

Morphology

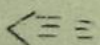
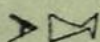
The Sumerian word can be formed by the following arrangement of letters; consonant plus vowel e.g., lu, 'man', ka, 'mouth'; consonant plus vowel plus consonant e.g., sag, 'heart', dug, 'good'; consonant plus vowel plus consonant plus vowel e.g., dara, 'fist-pot', buru 'to dig'; and also consonant plus vowel plus consonant plus vowel plus consonant e.g., balan, 'harp', kisib, 'seal'. There are however words which consist two or, rarely, three roots e.g., Lu-gal, 'king', ur-ma, 'lion', gu-nun-di, 'to cry'.

Homophonies

This is where several written signs express the same sound in the language

e.g.,

li



a

á

e

é

è

mi

mí

'water'

مار

'force'

قوة

'canal'

قناة

'house'

منزل

'ascend'

صعد يرتقي

'night'

ليل

'woman'

امراة

Polyphonies.

... single written sign expresses more than one sound in the language