The Universal Geometric Arabic letters on the steps of the Arabic numerals

ك	ل	ي	و	ط	ك	ه	د	أ
طورلك						أحمد		

10 Universal Geometric symbols, similar to the universal Arabic numerals in the decimal system, were set to write 9 non-dotted Arabic letters as shown above.

By rotating 90 degrees the 2nd letter "ha" three times, and flipping the 6th letter "waw", we get **13** non-dotted letters as shown in the following figure.

By dotting, we get **15** dotted letters and 4 English letters. So the total is **32** Geometric letters which can be matched with the 28 Arabic letters and the with lowercase, uppercase and compound Latin letters for writing Arabic, English and French texts as follows:

A- Matching Geometric letters with consonant Arabic and Latin letters

ع	4 English Letters				(15) dotted letters														(13) non-dotted letters												
					ضظغ			ثخذ			قفز			جيش			بنت		ع	ص	س	طورك			هل		أحمد				
G	چ	ڤ	ڠ	پ	غ	ظ	ض	خ	ذ	ث	ز	ف	ق	ش	ي	ج	ت	ن	ب	ح	ن	س	ك	ر	و	ط	ل	ه	ك	م	أ
L	H	v	g	p	Q	Z	D	P	C	B	z	f	K	F	y	j	t	n	b	q	S	s	k	r	w	T	l	h	d	m	c	x
E	c h				g h	D h		d h	k h	t h				s h																		

B- Matching 10 Geometric symbols with 28 Arabic and 4 English letters

1 symbol for Hamzah (ء): a **small square**, open from the right, with a lower side on left.

3 short symbols (of 2, 3, 4 sides) for 18 Arabic and 4 English geometric letters

6 Arabic and 1 English letter (p) use the **Nabirah symbol** (lower right angle of square with 2 sides).

9 Arabic and 2 English letters (g, ch) use the **open square symbol** (with 3 sides).

3 Arabic and 1 English letter (v) use the **square symbol** (with 4 sides).

ئ	ب	ي	ن	ت	ث	پ	ح	ذ	ج	ب	ش	ن	ث	خ	ڠ	چ	ه	ض	ة	ظ

6 long symbols (of 3, 4, 5 sides) for 10 Arabic Geometric letters

3 letters use the **Nabirah symbol** with one side above **or** a Nabirah above.

3 letters use the **open square symbol** with one side **or** an opposite Nabirah above.

4 letters use the **square symbol** with one side above **or** a flipped Nabirah above or a Nabirah below.

ل	ر	ز	ك	ك	ك	ط	ظ	و	ه	ة

Note 1: Geometric letters are written above the line, except for the lowered letters (w, z, r).
Note 2: The Geometric letter Hamzah (ئ) is composed from Hamzah symbol above Nabirah.
Note 3: The Geometric letter Tied Taa (ة) is pronounced Taa when connected and Haa at stops.