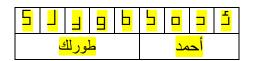
The Universal Geometric Arabic letters on the steps of the Arabic numerals



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 2^{nd} letter "<u>h</u>a" three times, and flipping the 6^{th} 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

۶	4 English					(15) dotted letters													(13) non-dotted letters														
	Letters				ضنظغ			ثخذ			قفز		جيش			بنت		ع	ں می اح		<mark>طورك</mark>		طور	J		<mark>ه</mark>		أحمد					
G	Ĵ	Ô	Ë	Ĵ	Ċ		Ŀ	'n	5	÷	Ĵ		•	•	Û	<u>.</u>	Ţ.	Ë	Γ.	Ļ				5	Ш	9	Ь			Г		Ц	Ţ
L	Н	v	g	р	C	2	Z	D	Ρ	C	B	z	f	K	F	У	j	t	n	b	q	S	<mark>S</mark>	k	r	w	Т	I	h	d	m	C	x
Ε	С				g		D		d	k	t				S																		
L	h				h		h		h	h	h				h																		

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

1 symbol for Hamzah (_): 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).



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

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.



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