

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

5	ل	ا	و	ب	هـ	م	ك	ت
طورك					أحمد			

10 Universal Geometric symbols, similar to the 10 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**.

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	ق	ح	ع	پ	ث	ب	ا	ت	ز	ف	ك	ي	ج	ن	ب	ق	س	ط	و	هـ	ل	د	م	خ	ع	ص	س	ط	و	هـ	ل	د	م	خ
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	I	h	d	m	c	x		
E	c				g	D		d	k	t				s																				
	h				h	h		h	h	h				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.

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

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

9 Arabic and **2** English letters (g, ch) (ع, ق) use the **4 open square symbols** (with 3 sides).

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

ت	ب	ا	و	هـ	م	ك	ت	ع	ص	س	ط	و	هـ	ل	د	م	خ
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7 long symbols (of 3, 4, 5 sides) and by dotting for 10 Arabic Geometric letters

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

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 Nabirah below or a flipped Nabirah above.

ل	ا	و	هـ	م	ك	ت	ع	ص	س	ط	و	هـ	ل	د	م	خ
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Note 1: Geometric letters are written above the line, except for the lowered letters (w, z, r) (و, ز, ر).

Note 2: The Geometric letter Hamzah (ء) is composed from Hamzah symbol above Nabirah.

Note 3: The Geometric letter, Tied Taa (ﺀ), is pronounced {tA} when connected and {hA} at stops.