

Matras – मात्रा

Matras are short form of the vowels.

vowel	अ	आ	इ	ई	उ	ऊ	ए	ऐ
English equivalent	a	ā	i	ī	u	ū	e	ai

vowel	ओ	औ	औँ	अं	अँ	अः	ऋ
English equivalent	o	au	au	a ⁿ / a ^m		ahā	ri

vowel	अ	आ	इ	ई	उ	ऊ	ए	ऐ
English equivalent	a	ā	i	ī	u	ū	e	ai
Matra		।	ि	ी	ु	ू	े	ै
Example	attack	arc	inn	ego	put	Boot+	ate	sack

vowel	ओ	औ	औँ	अं	अँ	अः	ऋ
English equivalent	o	au	au	a ⁿ / a ^m		ahā	ri
Matra	े	ै	ँ	.	ँ	:	No Short form
Example	old	offer	office	Uncle	Umbrella		

letter	क	क	क	क	क	क
vowel	अ	आ	इ	ई	उ	उ
matra		ा	ि	ी	ु	ू
new letter	क	का	कि	की	कु	कू

letter	क	क	क	क	क	क
vowel	ए	ऐ	ओ	औ	अं	अः
matra	े	ै	ो	ौ	.	:
new letter	के	कै	को	कौ	कं	कः

Matras – मात्रा

Vowels are always written as short forms unless

- Vowel is the first letter of the word
- example Anand – आनंद
- If two vowels come one after another, then second one is not written as matra (rather in its full form – Aa-ee-ye आईये or kau-aa कौआ

अ मात्रा

“a” matra

As in english words

bud / run / sun

Short form of “a” matra

Letter	+	matra	short form	=	new letter
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क	+	अ	--	=	क
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ग	+	अ	--	=	ग
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आ मात्रा

“ā” matra

As in english words
barn / yarn / palm

Short form of “ā” matra

Letter	+	matra	short form	=	new letter
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क	+	आ	।	=	का
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ग	+	आ	।	=	ग or गा
					X ✓

Comparison of अ and आ matra

अ - a

Bud – बड

Run – रन

Sun – सन

आ - ā

Barn – बार्न

Yarn – यार्न

Palm – पाम