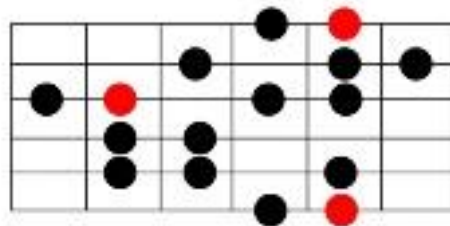
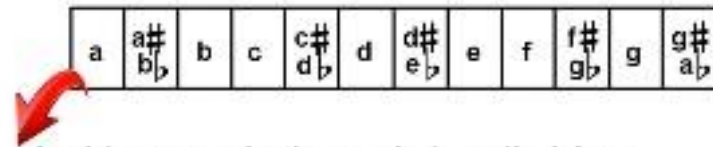


	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
e	f		g#	a	b	c	d	e	f	g#	a	b	c	d	e
b	c		d	e	f	g#	a	b	c	d	e	f	g#	a	b
d	g#	a	b	c	d	e	f	g#	a	b	c	d	e	f	g#
a		e	f	g#	a	b	c	d	e	f	g#	a	b	c	d
e	f		g#	a	b	c	d	e	f	g#	a	b	c	d	e



Harmonic minor scale

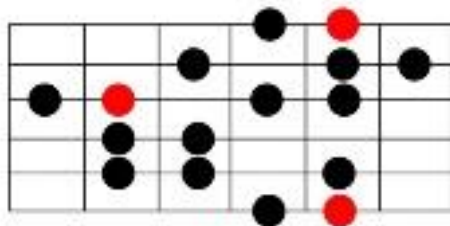
The red notes are the root notes
The green crosses cover the notes g sharp that change in the notes g sharp



In this example the scale is called Am,
if you go two frets higher the scale is called Bm,
if you go two frets lower the scale is called Gm

With the note ruler you can
easily calculate in
what key you play
when you shift the pattern

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
e	f		g#	a		b	c	d	e	f	g#	a		b	c
b	c		d	e	f	g#	a		b	c	d	e	f	g#	a
g#	a		b	c	d	e	f	g#	a		b	c	d	e	f
d	e		f	g#	a	b	c	d	e	f	g#	a		b	c
a	b		c	d	e	f	g#	a		b	c	d	e	f	g#
e	f		g#	a		b	c	d	e	f	g#	a		b	c

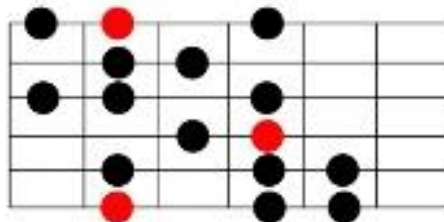


a	a# b _b	b	c	c# d _b	d	d# e _b	e	f	f# g _b	g	g# a _b
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Note ruler

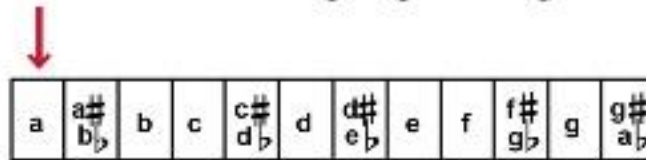
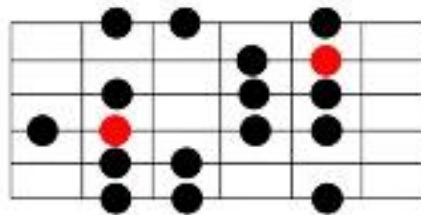
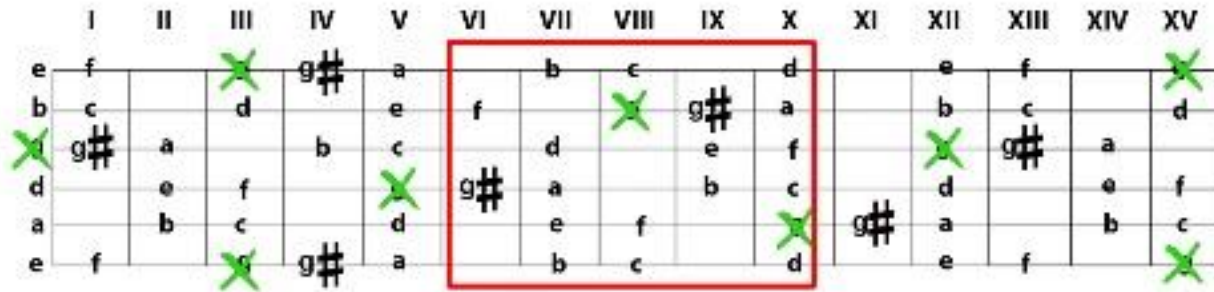
Harmonic Minor scale Pattern 1

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII	XIII	XIV	XV
e	f		X	g#	a		b	c		d		e	f		X
b	c		d	b	c	f	d	X	g#	a		b	c		d
X	g#	a							e	f		X	g#	a	
d	e	f			X	g#	a		b	c		d		e	f
a	b	c			d		e	f		X	g#	a		b	c
e	f		X	g#	a		b	c		d		e	f		X



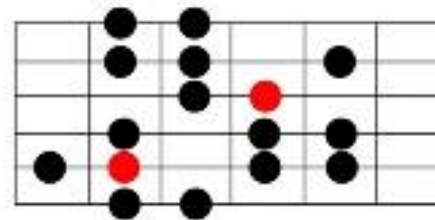
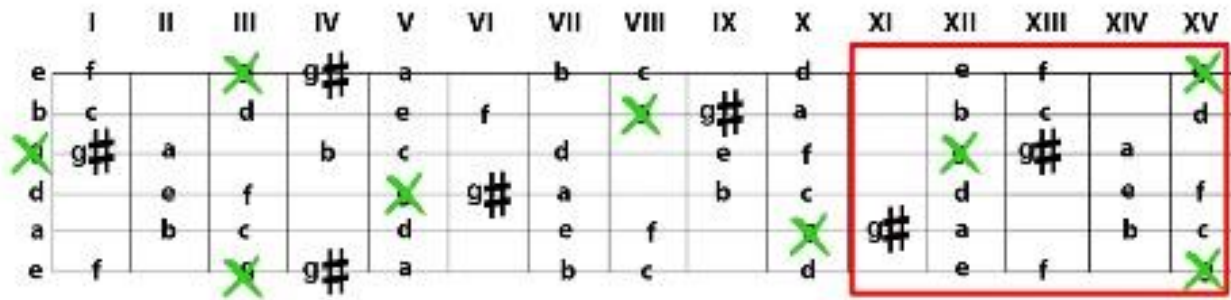
Note ruler

Harmonic Minor scale Pattern 2



Note ruler

**Harmonic Minor scale
Pattern 3**



Note ruler

Harmonic Minor scale Pattern 5