

## What is 24 Mountains?

An original compass has 24 divisions called “24 Mountains”. As a compass has 360 degrees, it is divided into 24 mountains with each mountain has 15 degrees.

The 24 mountains comprise 12 earthly branches, 8 heaven stems and 4 trigrams.

8 Directions	24 Directions	Mountains	Mid-Point Degree	Angles (Degree)
North 北	N1	壬 (Ren) H9	345	337.5 - 352.5
	N2	子 (Zi) E1	0	352.5 - 7.5
	N3	癸 (Gui) H10	15	7.5 - 22.5
North East 东北	NE1	丑 (Chou) E2	30	22.5 - 37.5
	NE2	艮 (Gen) T8	45	37.5 - 52.5
	NE3	寅 (Yin) E3	60	52.5 - 67.5
East 东	E1	甲 (Jia) H1	75	67.5 - 82.5
	E2	卯 (Mao) E4	90	82.5 - 97.5
	E3	乙 (Yi) H2	105	97.5 - 112.5
South East 东南	SE1	辰 (Chen) E5	120	112.5 - 127.5
	SE2	巽 (Xun) T4	135	127.5 - 142.5
	SE3	巳 (Si) E6	150	142.5 - 157.5
South 南	S1	丙 (Bing) H3	165	157.5 - 172.5
	S2	午 (Wu) E7	180	172.5 - 187.5
	S3	丁 (Ding) H4	195	187.5 - 202.5
South West 西南	SW1	未 (Wei) E8	210	202.5 - 217.5
	SW2	坤 (Kun) T2	225	217.5 - 232.5
	SW3	申 (Shen) E9	240	232.5 - 247.5
West 西	W1	庚 (Geng) H7	255	247.5 - 262.5
	W2	酉 (You) E10	270	262.5 - 277.5
	W3	辛 (Xin) H8	285	277.5 - 292.5
North West 西北	NW1	戌 (Xu) E11	300	292.5 - 307.5
	NW2	乾 (Qian) T6	315	307.5 - 322.5
	NW3	亥 (Hai) E12	330	322.5 - 337.5

What is Heaven Stems ?

Heaven Stems are directions represented by ten characters. These characters are the combinations of both Yin and Yang and Five Elements. There are only eight characters used for directions of a compass as the other two characters 戊 (Wu) and 己 (Ji) are located in the centre of the compass.

10 Heavenly Stems	Elements	Yin & Yang	Representative Alphabets
甲 (Jia)	Wood	Yang	H1
乙 (Yi)	Wood	Yin	H2
丙 (Bing)	Fire	Yang	H3
丁 (Ding)	Fire	Yin	H4
戊 (Wu)	Earth	Yang	H5
己 (Ji)	Earth	Yin	H6
庚 (Geng)	Metal	Yang	H7
辛 (Xin)	Metal	Yin	H8
壬 (Ren)	Water	Yang	H9
癸 (Gui)	Water	Yin	H10

What is Earthly Branches ?

There are twelve Earthly Branches in total. Like Heavenly Stem, these characters are also the combinations of both Yin and Yang and Five Elements.

12 Earthly Branches	Elements	Yin & Yang	Animal Signs	Representative Alphabets
子 (Zi)	Water	Yang	Rat	E1
丑 (Chou)	Earth	Yin	Ox	E2
寅 (Yin)	Wood	Yang	Tiger	E3
卯 (Mao)	Wood	Yin	Rabbit	E4
辰 (Chen)	Earth	Yang	Dragon	E5
巳 (Si)	Fire	Yin	Snake	E6
午 (Wu)	Fire	Yang	Horse	E7
未 (Wei)	Earth	Yin	Ram	E8
申 (Shen)	Metal	Yang	Monkey	E9
酉 (You)	Metal	Yin	Rooster	E10
戌 (Xu)	Earth	Yang	Dog	E11
亥 (Hai)	Water	Yin	Pig	E12

What is Trigram (Ba Gua) ?

Ba Gua is an octagonal pattern. There are eight guas in total and is also known as Eight Trigrams. There are only four guas used for directions of a compass which includes Kun(坤), Xun(巽), Qian(乾) and Gen(艮).

Gua 卦	Representative Alphabets	Direction	Element	Kin
Qian 乾	T6	NorthWest	Metal 金	Father
Kun 坤	T2	Southwest	Earth 土	Mother
Zhen 震	T3	East	Wood 木	Elder Son
Kan 坎	T1	North	Water 水	Second Son
Gen 艮	T8	NorthEast	Earth 土	Youngest Son
Xun 巽	T4	SouthEast	Wood 木	Elder Daughter
Li 离	T9	South	Fire 火	Second Daughter
Dui 兑	T7	West	Metal 金	Youngest Daughter

