



# BASIC ALPHABET OF ASTROLOGY

## by Fei & David Cochrane

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**THE ZODIAC SIGNS:** If it is daytime and not overcast, you can point to the Sun and if you know where the Moon and the planets are you can point to them. If you connected the dots of the Sun, Moon, and planets, you would see a circle. The circle would not be perfect; it would be a bit wobbly, you might say, but still a circle. This circle is divided into 360 degrees, and the 360 degrees is divided into 12 equal sections of 30 degrees each and each of these 30 degree sections is a zodiac sign. Any celestial object or point (Sun, Moon, planet, Ascendant, etc.) is affected by the zodiac sign it is in.

Degrees	Zodiac	Degrees	Zodiac	Degrees	Zodiac	Degrees	Zodiac
0°	♈ Aries	90°	♋ Cancer	180°	♎ Libra	270°	♏ Capricorn
30°	♉ Taurus	120°	♌ Leo	210°	♏ Scorpio	300°	♐ Aquarius
60°	♊ Gemini	150°	♍ Virgo	240°	♐ Sagittarius	330°	♑ Pisces

♈ (Aries)

**ZODIAC SIGN KEYWORDS:** Below are a list of keywords for each zodiac sign:

♉ (Taurus)

**Aries:** Pioneering, innovative, direct, and sharp, strong, lacking perseverance

♊ (Gemini)

**Taurus:** Slow, steady, stubborn, immovable, a builder, develops naturally

♋ (Cancer)

**Gemini:** Flexible and adaptable, likes to play with ideas, witty, quick reflexes

♌ (Leo)

**Cancer:** Sentimental, nostalgic, soulful & extremely personal, family oriented

♍ (Virgo)

**Leo:** Proud, magnanimous, needs affection and support. Entertaining and flamboyant, but sometimes shy and self-conscious

♎ (Libra)

**Virgo:** Neat, clean, fastidious, fussy, picky, refined, perfectionist, demanding, helpful, may hurt others' feelings by being critical

♏ (Scorpio)

**Libra:** Friendship, equality, sharing, needs balance, partnership, team player

♐ (Sagittarius)

**Scorpio:** Intense, introverted, magnetic, charismatic, jealous, mechanic

**Sagittarius:** Expansive, fun-loving, likes to travel, dislikes details, big ideas, interest in topics of a broad nature, politics, economics, education, public communications and media

**Capricorn:** Mature, detached, strategic, manipulative, formal and business oriented, good planner and organizer

**Aquarius:** Progressive, modern, eccentric, free-spirited, group-oriented. Friendly but cool and unsentimental

**Pisces:** Imaginative, idealistic, artistic, sacrificing, impressionable, gullible. Can be prone to day-dream. Enjoys fantasy

♐ (Aquarius)

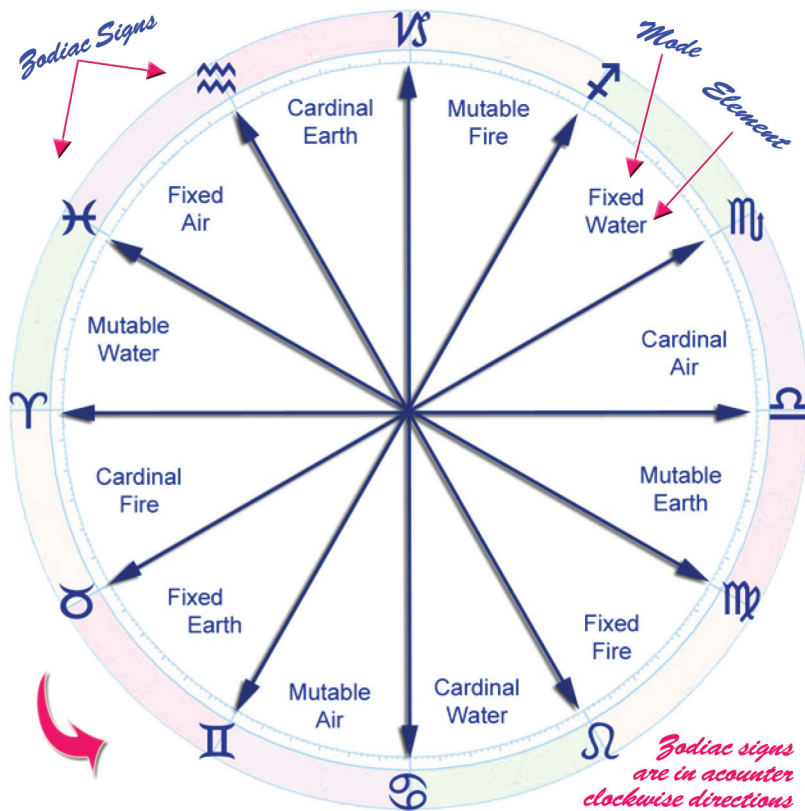
♑ (Pisces)



*Learning is a treasure that will follow its owner everywhere.*

(Chinese Proverb)  
from Proverbia.net

## Zodiac Signs, Elements, Mode Illustrations



ELEMENTS:  $\Delta$  = Trine,  $120^\circ$

♈, ♌, ♎ = Fire  
 ♉, ♊, ♋ = Earth  
 ♈, ♍, ♎ = Air  
 ♊, ♋, ♌ = Water

MODE:  $\square$  = Square,  $90^\circ$

♈, ♊, ♍, ♋ = Cardinal  
 ♉, ♌, ♎, ♎ = Fixed  
 ♈, ♊, ♌, ♌ = Mutable

**WHAT IS AN ASPECT?** The planets (including the Sun and Moon, which are also referred to as planets in astrology even though obviously they are not planets) can be found approximately in a circle in the sky. Ignoring minor deviations from a perfect circle, the angular distance between the planets along the circle can be obtained. Certain angles are known as **aspects**. When planets are separated by these “special” angular distances known as aspects, the astrological influence of the planets combine together and affect the personality and behavior of a person.

### ANGLES OR ASPECTS:

*Name, Symbol, Degrees, & Fraction of a circle*

Conjunction	♌	$0^\circ$	
Opposition	♍	$180^\circ$	1/2
Square	♎	$90^\circ$	1/4
Semisquare	♏	$45^\circ$	1/8
Trine	♐	$120^\circ$	1/3
Sextile	♑	$60^\circ$	1/6
Semisextile	♒	$30^\circ$	1/12
Quincunx	♓	$150^\circ$	5/12
Sesquiquadrat	♈	$135^\circ$	3/8
Quindecile	♉	$165^\circ$	11/24

**HARMONICS:** *In harmonic astrology aspects are looked at as fractions of a circle and there are additional fractions that can be used. For example, astrologers who use harmonic astrology also interpret these aspects: 1/16 (22 1/2 degrees), 3/16 (57 1/2 degrees), 5/16 (112 1/2 degrees), and 7/16 (157 1/2 degrees)*

**Allowable orbs often used in harmonic astrology:**

♌ =  $16^\circ$      $\square$  =  $4^\circ$   
 ♍ =  $8^\circ$      $\Delta$  =  $5\ 1/3^\circ$

*Name, Degrees, & Fraction of a circle*

Decile	$36^\circ$	1/10
Novile	$40^\circ$	1/9
Binovile	$80^\circ$	2/9
Quadnovile	$160^\circ$	4/9
Quintile	$72^\circ$	1/5
Biquintile	$144^\circ$	2/5
Septile	$51\ 3/7^\circ$	1/7
Bisepitile	$102\ 6/7^\circ$	2/7
Trisepitile	$154\ 2/7^\circ$	3/7

**WHAT IS AN ORB?** When an aspect occurs, it is usually not exact. The orb is how far the aspect is from being exact. For example, two planets may be 92 degrees apart, in which case the orb is 2 degrees. There is not complete agreement on exactly how big the allowable orb for an aspect should be.

### OTHER NOTE:

- The order of the zodiac signs and houses is counterclockwise.
- The planets move relatively slowly through the zodiac signs in their proper motion in a counterclockwise direction.
- The planets move, and also the signs on the house cusps, move relatively fast in a clockwise direction.

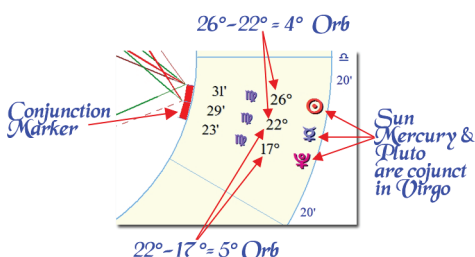
## HARMONIC ASPECTS AND ORBS

**Aspects:** When planets are separated by these “special” angular distances known as aspects, the astrological influence of the planets combine together and affect the personality and behavior of a person (see page 2).

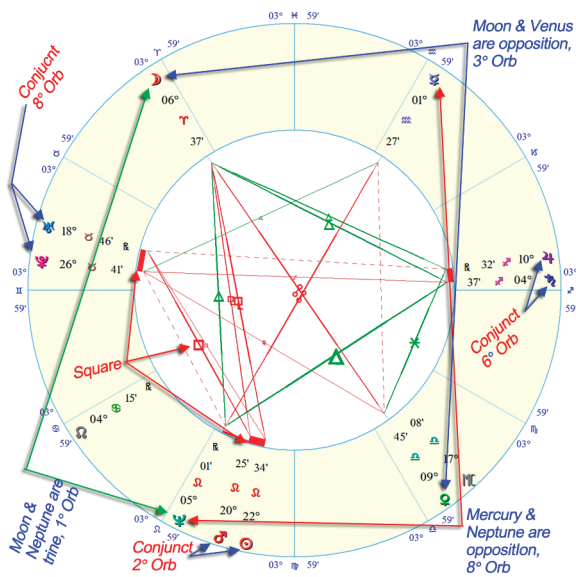
**Orbs:** The orb is how far the aspect is from being exact (see page 2).

### List of commonly used aspects in Harmonic Astrology:

**Conjunction** (♌) = 0 degrees. *If two planets are very close to each other, they are conjunct. The allowed orb used for conjunction in Harmonic theory is from 0 to 16 degrees.*



**Opposition** (♌) = 180 degrees. *If two planets are close to being opposite to each other, they are opposition to each other. The allowed orb for oppositions in harmonic theory is up to 8 degrees.*



**Square** (♠) = 90 degrees. *If two planets are close to being 90 degrees apart, they are square to each other. The allowable orb for square aspects in harmonic theory is up to 4 degrees.*

**Trine** (♊) = 120 degrees. *If two planets are close to be-*

*ing 120 degrees apart, they are trine to each other. The allowable orb for trine aspects in harmonic theory is up to 5 1/3 degrees.*

### DETAILED EXPLANATION OF ASPECTS AND ORBS:

A circle is divided into 360 degrees. The planets are approximately in a circle called the ecliptic plane. This circle of the ecliptic plane is divided into 12 equal sections of 30 degrees each. Each of these 30 degree sections is given a name. The first 30° is Aries, the second one is Taurus which is actually from 30-60 degree of the circle, the third one is Gemini (60-90), the 4th one is Cancer (90-120), followed by Leo (120-150), Virgo (150-180), Libra (180-210), Scorpio (210-240), Sagittarius (240-270), Capricorn (270-300), Aquarius (300-330), Pisces (330-360) consecutively.

- Now for example, the Sun is in 7 degrees Virgo in your natal chart: *This means that the Sun position in the sky when you were born was 157 degrees in the sky.*
- Now, let's say for example, Saturn is in 12 degrees Capricorn in your natal chart: *This means that Saturn's position in the sky when you were born was 282 degrees in the sky.*

Based on the above 2 examples, we have located the two planets in your natal chart. Now we can tell what the angular distance between these two planets are in your chart. Therefore, Saturn and the Sun have an angular distance of 125 degrees from each other.

We know that 120 degrees is 4 zodiac signs apart. In our example, Saturn is in Capricorn and the Sun is in Virgo, therefore, they are 4 zodiac signs away from the Sun. The angular distance between the two planets in our example however is 125 degrees. This extra 5 degrees is called the Orb.

**ASPECTS** are angular distances between planets that are considered by astrologers to cause the two planets to interact with each other. The **ORB** is how far from exact the aspect is.

**WHAT ARE HOUSES?:** Astrologers use a system of 12 houses where the first house is the area of the sky just below the eastern horizon. The houses are numbered counterclockwise (shown right). The dividing line between one house and another is called the house cusp, so, for example, when the Sun moves from the 10th house to the 9th house around 12 noon, it is crossing the 10th house cusp.

### THE 12 HOUSES KEYWORDS:

**1st House:** Shows how you appear to others, your mask or persona, a way of negotiating the world

**2nd House:** What you own, your property, your money, your personal assets, values, ethics

**3rd House:** Short journey and siblings, communication and how one expresses oneself

**4th House:** Home. Mother (modern). Father (traditional). Domestic life.

**5th House:** Children, gambling, romance, fun, creativity, personal expression, games, sports

**6th House:** Work, practical effort, illness, service, desire to fix things

**7th House:** Partnership and friends, relationships, marriage, partnerships of all kind

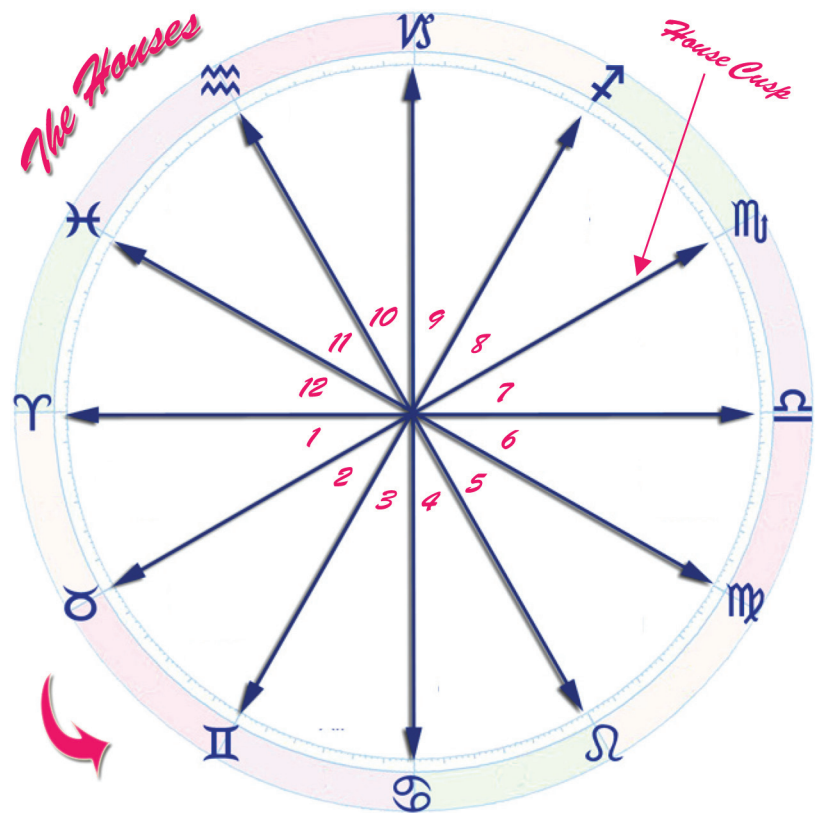
**8th House:** Money, investments, business, sharing, death of friends or oneself, business, finance, other people's money, shared resources, mysticism, the occult

**9th House:** Travel, broad view of things, philosophy, politics, long journey, broad perception

**10th House:** Career, role in life, standing in the community

**11th House:** Organizations, clubs, social activities, friends, hopes, wishes, aspirations

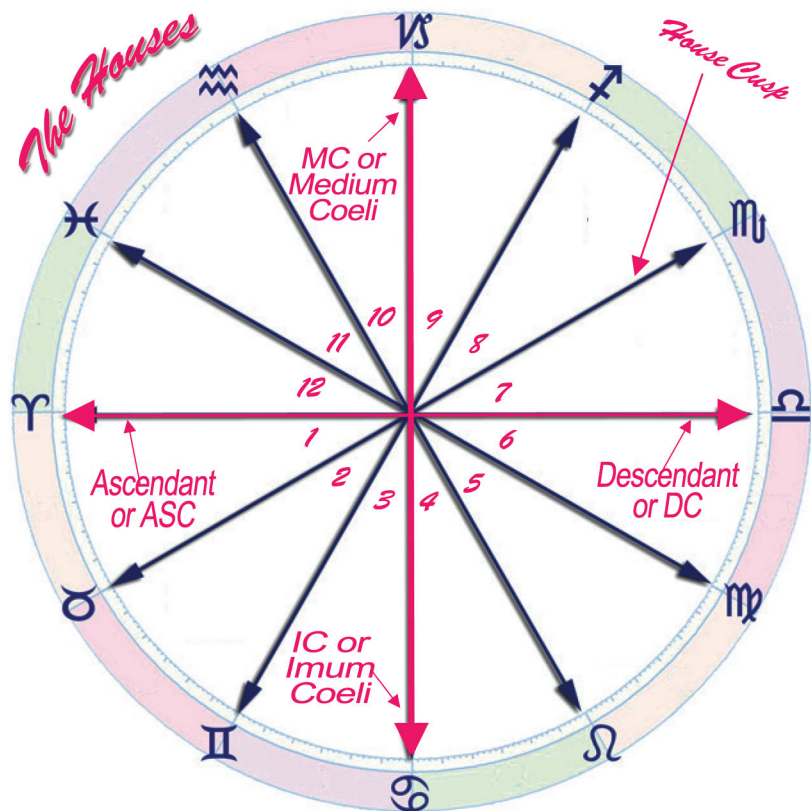
**12th House:** Psychic, spiritual, sacrifice, hidden enemies, self-undoing, call to more selfless way of life



### MEANING OF THE PLANETS:

- **Sun (☉):** Basic self, appearance, stance in life, who you are
- **Moon (☾):** Moods, home, domestic nature, nurturing qualities
- **Mercury (☿):** Speech, writing, conscious thought, logic
- **Venus (♀):** Aesthetic sense, art, beauty, affection, love, reconcile
- **Mars (♂):** Ambition, drive, energy, aggressive nature, severe
- **Jupiter (♃):** Expands whatever it touches, large, extravagant, happy
- **Saturn (♄):** Structure, discipline, concentration, severity, detachment, separates
- **Uranus (♅):** Unstable, eccentric, innovative, non-conformist, spontaneous, impulsive, undisciplined
- **Neptune (♆):** Imaginative, idealistic, dreamer, childish, artistic, fantasy, receptivity
- **Pluto (♇):** Obsession, compulsiveness, fanaticism, sense of mission, emotionally driven

# THE ANGLES



**THE ANGLES:** These are the 4 house cusps that are in red on the chart wheel (shown left)::

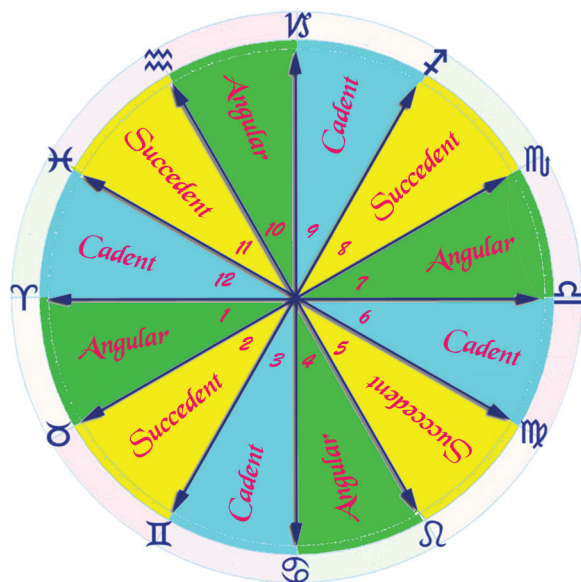
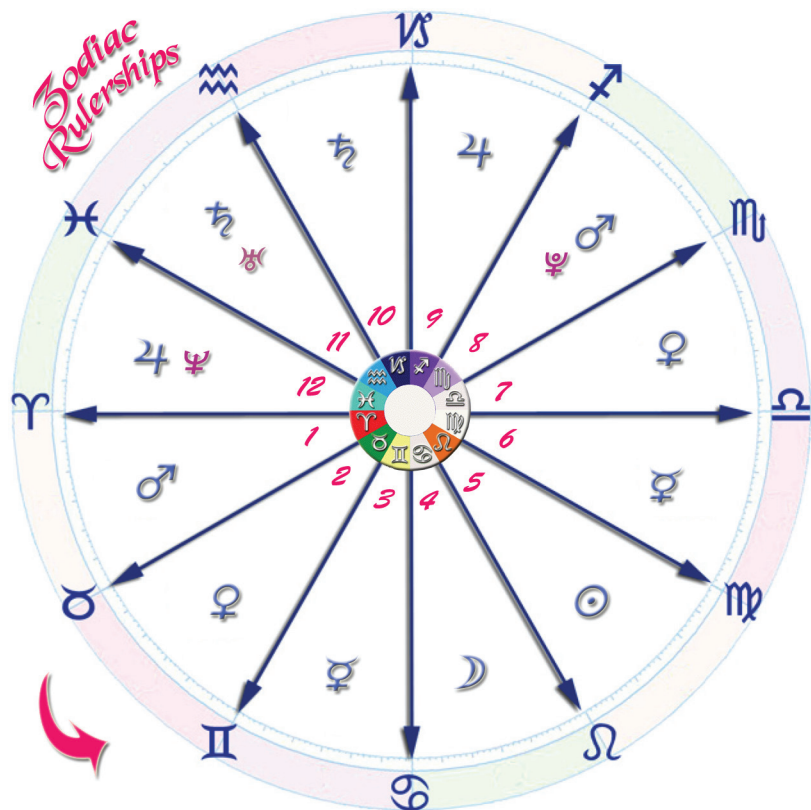
- 1st House Cusp: Ascendant
- 4th House Cusp: IC
- 7th House Cusp: Descendant
- 10th House Cusp: MC

- 1st House Cusp: Oriens (Ascendant), Eastern
- 4th House Cusp: Imum Coeli, Northern
- 7th House Cusp: Occident (Descendant), Western
- 10th House Cusp: Medium Coeli, Southern

The angles are the most powerful and important house cusps and are often used in compatibility and forecasting

**ANGULAR/SUCCEDENT/CADENT:** each house is classified as being angular, succedent, or cadent as shown below:

# ZODIAC SIGNS RULERSHIPS



- Angular Houses:** 1, 4, 7, 10
- Succedent Houses:** 2, 5, 8, 11
- Cadent Houses:** 3, 6, 9, 12

*Vertical Listing of the Zodiac Signs Traditional Rulerships:*

♂	♀	♀	☾	☉	♀	♀	♂	♃	♃	♃	♃
♈	♉	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓

# ZODIAC SIGNS MODERN RULERSHIPS

- SUN** = Leo (5th)
- MOON** = Cancer (4th)
- Gemini (4th) = **MERCURY** = Virgo (6th)
- Taurus (2nd) = **VENUS** = Libra (7th)
- Aries (1st) = **MARS** = Scorpio (8th)
- Sagittarius (9th) = **JUPITER** = Pisces (12th)
- Capricorn (10th) = **SATURN** = Aquarius (11th)
- URANUS** = Aquarius
- NEPTUNE** = Pisces
- PLUTO** = Scorpio

## INTERPRETING THE HARMONIC CHARTS

Interpreting harmonic chart is VERY SIMPLE! Here is the trick:

1. Create the harmonic chart that you want to use.
2. Look for conjunctions (planets that are next to each other) in the harmonic chart. Use a 16 degree orb.
3. Look at those planets that are conjunct in the harmonic chart in the natal chart to see if they are conjunct. If not conjunct, they are in that harmonic (or a reduced fraction of the harmonic, such as 120 degrees in the 9th harmonic, which is  $3/9$  as well as  $1/3$ ) and interpret it.
3. Interpretation: Interpret the energy process of the 2 planets and combine them with the vibration (quality, meaning) of the harmonic.

### HOW IS A HARMONIC CHART CALCULATED?

There is a simple formula. You multiply the positions of the planets by 9 to get the 9th harmonic chart.

- For example:
  - 1) A planet at 5 deg Taurus = 35 degrees in a circle
  - 2) Then multiply  $35 \times 9 = 315$  degrees
  - 3) 315 degrees in a circle is = to 15 degrees Aquarius.

## More on Harmonic Charts, using the 9th Harmonic Chart as an Example:

The 9th harmonic chart is a “magic chart” that converts 0, 40, 80, 120, and 160 degrees to 0.

The angular distances that have 9 in the denominator are multiples of 40 degrees and are: 0, 40, 80, 120, 160, 200, 240, 280, 320

### The “Magic” of a 9th Harmonic Chart:

- By multiplying each planet by 9, you also multiply all the angles between all the planets by 9! It is a mathematical trick.

By multiplying all angles between all planets by 9, you will get these results:

$$40 \times 9 = 360 = 0$$

$$80 \times 9 = 720 = 0$$

$$120 \times 9 = 1080 = 0$$

$$160 \times 9 = 1440 = 0$$

Because the denominator is more important than the numerator, this is helpful.

NOTE: When interpreting an aspect, the outer planet modifies the inner planet.

## PLANETS GEOCENTRIC SPEED

PLANETS	AVERAGE SPEED PER DAY	TIME TO TRAVEL THROUGH ZODIAC SIGNS	TIME TO TRAVEL THROUGH ZODIAC
☉	1 degree	1 month	1 year
☽	13 1/2 degrees	2 1/4 days	27-28 days
♁	1 degree	1 month	1 year
♂	1 degree	1 month	1 year
♂	1/2 degree	2 months	a little less than 2 years
♃	about 5'	1 year	12 years
♄	about 2'	2 1/2 years	29 1/2 years
♅	about 1'	7 years	84 years
♆	less than 1'	14 years	165 years
♇	less than 1'	21 years	248 years



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**BY DAVID COCHRANE**

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1. Create the harmonic chart that you want to use.
2. Look for conjunctions (planets that are next to each other) in the harmonic chart. Use a 16 degree orb.
3. Look at those planets that are conjunct in the harmonic chart in the natal chart to see if they are conjunct. If not conjunct, they are in that harmonic (or a reduced fraction of the harmonic, such as 120 degrees in the 9th harmonic, which is 3/9 as well as 1/3) and interpret it.
3. Interpretation: Interpret the energy process of the 2 planets and combine them with the vibration (quality, meaning) of the harmonic.

- For Example: Aaron, April 5, 1985 at 03:02 PM, Houston, Texas

In Aaron's 9<sup>th</sup> Harmonic chart:

The angle between Venus and Pluto is 159 deg 18 min, which is a 4/9 aspect with a 42 min orb (4/9 of a circle = 160 degrees).

Therefore:

Venus and Pluto are on a 9 vibration (denominator) with 4 (numerator) modifying it.

➤ **Terminology:**

**A 1/9, 2/9, and 4/9 aspect are 9th harmonic aspects.**

➤ **These are the 9th harmonic aspects:**

**1/9 (40 degrees), also known as Novile**

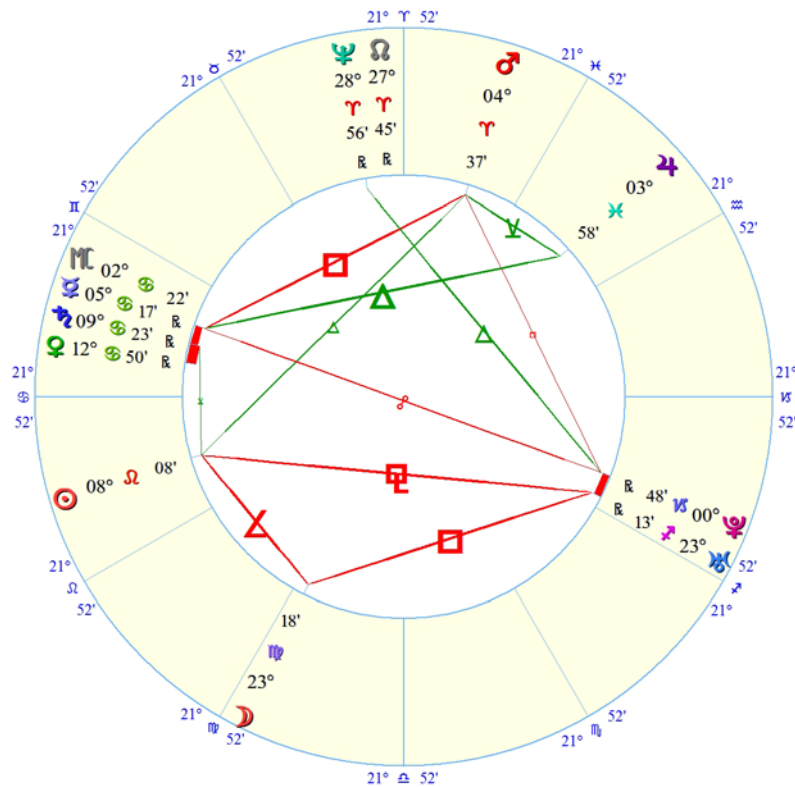
**2/9 (80 degrees), also known as BiNovile**

**4/9 (160 degrees), Also known as QuadNovile**

- ❖ **Note that 3/9 = 1/3 and is considered to be a 3rd harmonic aspect.**

## THE 9<sup>TH</sup> HARMONIC CHART

### Aaron's 9<sup>th</sup> Harmonic Chart:



In the 9th harmonic chart, all aspects that are multiples of 40 degrees (in other words, have 9 in the denominator), as well as the conjunction, become conjunctions in the 9th harmonic chart.

❖ **Thus, planets that are separated by the following angular distances are conjunct in the 9th harmonic chart: 0, 40, 80, 120, 160 degrees.**

The orb of the aspect in the 9th harmonic chart is 9 times larger than the actual orb.

For example, in Aaron's chart the orb of the Venus 4/9 Pluto aspect is 42 minutes (see above). Therefore, the orb in the 9th harmonic chart is 42 minutes \* 9 (which equals 6 deg 18 min, and the actual orb in the 9th harmonic chart is 6 deg 15 min; the difference of 3 min is due to rounding error when calculating manually with the rounded off figure of 42 minute orb.)

### Interpretation of the 9th harmonic chart:

In Aaron's chart the Moon is 2/9 Neptune. The angle is 79 deg 35 min, which is a 2/9 aspect (80 degrees) with a 25 minute orb. However, you do not need to know these technical details. You see that Moon and Neptune are conjunct in the 9th harmonic chart with a 6 degree orb and the allowable orb is 16 degrees so it is a strong aspect.

❖ **The 9th harmonic the "Alienation Buster". It brings integration and wholeness.**



For example, suppose that when comparing charts of two people, you find this aspect between the chart of a man and woman who have a romantic relation:

*His Venus is 1/9 to her Uranus, or the aspect could be this:  
Her Venus is 1/9 to his Uranus*

Or suppose that they have this aspect between their charts:

*His Venus is 1/9 to her Neptune, or  
Her Venus is 1/9 to his Neptune*

Or, a real life example, is in the chart comparison of Prince Charles and Camilla:

*She has Moon conjunct Venus in her chart.  
Both her Moon and Venus are 4/9 his Mars.*

The aspect of Venus to Mars, Uranus, or Neptune in someone else's chart is considered by almost all astrologers to make possible a very strong romantic connection. However, it can be "too hot to handle" or so strong that it leads to problems. In 9th harmonic, the healing, supportive, integrating aspect helps make the aspect work well and inclines towards a successful romantic and sexual relationship.

### **More on 9th harmonic aspects:**

- ❖ People with strong 9th harmonic aspects are usually closer to their friends than their family. Why? Because they bond to their community and any people that can be brought into a functioning whole unit. It does not matter if the people are related by family lines or not.

What if a person has a Moon 9th harmonic aspect Mercury in his/her chart? The person is very pleasant to talk to. This person can be a very good teacher or counselor. The 9th harmonic brings integration and wholeness to a communication (Mercury) that is related to one's feelings, moods, dispositions, and concerns (Moon).

What if a person has Moon in 9th harmonic to Mars and/or Jupiter in his/her birth chart? The drive of Mars to achieve and the largeness of Jupiter combine to bring dynamic energy that can bring positive social action or the ability to heal with one's hands. In Eleanor Roosevelt's chart Moon, Mars, and Jupiter are aspected to each other in 9th harmonic aspects and a trine (1/9, 2/9, and 1/3 aspects). She was a powerful force for assisting women and children throughout the world.

### **More on Harmonic Charts, using the 9th Harmonic Chart as an Example:**

The 9th harmonic chart is a "magic chart" that converts 0, 40, 80, 120, and 160 degrees to 0.

The angular distances that have 9 in the denominator are multiples of 40 degrees and are: 0, 40, 80, 120, 160, 200, 240, 280, 320

However, in astrology we normally measure in the shortest distance. For example, 200 degrees = 160 degrees in the shortest direction, so the angles are: 0 (0/9), 40 (1/9), 80 (2/9), 120 (3/9), and 160 (4/9).

## HOW IS A HARMONIC CHART CALCULATED?

**There is a simple formula. You multiply the positions of the planets by 9 to get the 9th harmonic chart.**

❖ For example:

- 1) A planet at 5 deg Taurus = 35 degrees in a circle
- 2) Then multiply  $35 \times 9 = 315$  degrees
- 3) 315 degrees in a circle is = to 15 degrees Aquarius.

### The "Magic" of a 9th Harmonic Chart:

❖ **By multiplying each planet by 9, you also multiply all the angles between all the planets by 9! It is a mathematical trick.**

By multiplying all angles between all planets by 9, you this results:

$$\begin{aligned} 40 \times 9 &= 360 = 0 \\ 80 \times 9 &= 720 = 0 \\ 120 \times 9 &= 1080 = 0 \\ 160 \times 9 &= 1440 = 0 \end{aligned}$$

**Because the denominator is more important than the numerator, this is helpful.**

**NOTE: When interpreting an aspect, the outer planet modifies the inner planet.**

In Aaron's chart, therefore Moon 2/9 Neptune can be viewed as idealistic moods and feelings that seek wholeness, integration, peace, and healing. This aspect usually inclines to be non-confrontive and pacifist oriented, likes background music, a pleasant mood, and very often music playing in the background. It is inclined to be comfortable in any peaceful environment from any cultural background because the 9th harmonic likes to integrate and heal and is not attached to its own personal history.

The 9th harmonic is easily lead astray by others because it non-confrontive. Moon 2/9 Neptune can just hang out and be lazy as well, and to drift with little direction or ambition.

In Aaron's chart Venus 4/9 Pluto creates a deep need and yearning for a beauty that brings peace. It is like the house in the country with a picket fence, or a deep and sweet romantic love. It is a hunger for that fulfillment. Pluto is a compulsive and irrational need. The 9th harmonic "washes" or "colors" the entire Venus-Pluto connection with the need for wholeness, integration and peace.

## MEANING S OF HARMONICS

**Harmonic 1:** Basic and fundamental themes run through the person's life. The person is clearly identified and can become a spokesperson for a cause, an image or icon of a life style, or a proponent of a philosophy or interest group.

**Harmonic 2:** Opposing views are contrasted and compared, and the person likes to have individuals who oppose each other confront each other. The juxtaposition of different elements intrigues the person and an interesting hybrid or synergistic effect may be achieved by combining elements that others would regard as incompatible.

**Harmonic 3:** A harmonious and smooth flow of energy between the planets.

**Harmonic 4:** A desire to overcome problems, to tackle tasks, and do what is needed to achieve goals.

**Harmonic 5:** A fascination or interest in creative forms, fluid structures, puzzles, games, and entertainments of all kinds. A childlike enjoyment of life, and playfulness, and a distaste for rote learning, unnecessary repetition, tediousness, useless habits and customs.

**Harmonic 6:** An ability to build harmonious relationships between different components, a facility for communicating with others and making others feel comfortable.

**Harmonic 7:** Self-control, introversion, an inner-directed and focused attention, and an inclination to be interested in symbols or abstractions.

**Harmonic 8:** Drive and a need to accomplish and achieve.

**Harmonic 9:** A need to feel included and accepted, and to participate in the larger community. A feeling of larger community, and valuing the importance of the larger context of our lives and how it affects all of us. A tendency to avoid difficult or uncomfortable confrontations, and to go along with others in order to avoid even the appearance of conflict.

**Harmonic 10:** A love of games, entertainment, and experiments, especially when shared with others. Playfulness and a fascination or interest in new ideas. A distaste for rote learning and old, tedious methods. Enjoying surprises and usually a good sense of humor.

**Harmonic 11:** Restless and on the move, seeking something new. An inclination to be a pioneer or innovator or to be involved with music, dance, travel, or other dynamic activities. Some proneness to instability or insomnia if taken to an extreme, in which case avoidance of stimulants is important.

**Harmonic 12:** Most of the meaning is given by the numerator. The 5/12 (quincunx) aspect presents a strange juxtaposition of desiring playfulness and humor and also seriousness and focus.

**Harmonic 13:** A deep inner need to transcend one's current level of functioning. A distaste for mediocrity and a love of the exceptional and extraordinary. Enthusiasm and vision for a much

higher level of achievement. Unwillingness to compromise on one's mission. Self-willed and self-motivated but able to work hard at goals that are important to the person.

**Harmonic 14:** Desire to train and discipline. A person in training or who trains, coaches, or mentors others. Interest in developing maturity and sophistication. Sense of reverence and appreciation of the classics.

**Harmonic 15:** A need to play and have enjoyable times. A strong need to work in way that is not overly tedious and onerous. Enjoying surprises and discoveries, and an ability to fully enjoy life by keeping alive a childlike sense of wonder and not feeling overly burdened by responsibilities.

**Harmonic 16:** Inner drive and motivation. What is really meaningful to a person and what the person wants to achieve.

**Harmonic 17:** Incorporating insights, perspectives, beliefs, customs, habits, and different viewpoints wherever they can be found, without prejudice and without lots of a priori assumptions. Especially inclined towards acting and theatre but also arts, literature and cultural experiences of all kinds. A non-linear way of thinking that incorporates different views and approaches. Interest in the way people understand, experience, interpret, and find meaning in their lives.

**Harmonic 18:** A strong need to feel included. Great compassion for those who are alienated or disenfranchised from the benefits that most people enjoy. A need to bring about peace and understanding.

**Harmonic 19:** Interest in seeing things from many points of view in order to better understand it. Open, receptive, and interested in the insights of artists, writers, philosophers, and scientists of all kinds. Inclined to abstract thinking, and a love of literature.

The 17th and 19th harmonics are similar, and the 17th harmonic is more inclined to acting, theatre, or entertainment and is more Venusian, and the 19th harmonic is a bit more strictly Mercurial, but these two harmonics are similar.

**Harmonic 20:** A need to create things and to work in a creative way. The 20th harmonic aspects can become easily bored by repetitive tasks. Note that the 20th harmonic is regarded as inclining to be creative because the playfulness of 5 and the need to achieve of 4 combine together as the need to achieve something playful, interesting, or fascinating. The need to achieve and accomplish puts an emphasis on doing and accomplishing and this is likely to manifest as accomplishing something that is entertaining or fascinating in some way, and thus can be referred to as creative.

**Harmonic 21:** Good focus and discipline and the ability to develop excellent technique. The ability to develop a natural flow and facility in a rigorous discipline. A disciplined or classical style that is not rigid or inflexible but rather has a classy quality or elegance.

**Harmonic 22:** Restlessness and impatience and the tendency to feel stifled by others.

**Harmonic 23:** Following one's personal intuition. Relying on one's own perceptions regardless of the beliefs of the majority. Taking risks that others would avoid. Prone to social blunders as a result of having so much confidence in one's own intuition and perceptions. Unusual interests or unusual ways of doing things. Idiosyncratic or unusual approach based on one's own unique synthesis of different methods or ideas.

**Harmonic 24:** The meaning of the 24th harmonic aspects is strongly influenced by the numerator, so, for example, the 5/24 aspect is more subtle and creative than the 11/24 aspect. The 11/24 aspect is intensely motivating. The 7/24 aspect is a bit constrained, introverted, and focused. Overall, the 24th harmonic aspects indicate resources available to the person; they represent characteristics and qualities that can be used to achieve goals, although the 11/24 aspect does make some pressing demands of the person more than other 24th harmonic aspects.

**Harmonic 25:** An exceptionally creative, inventive, or playful tendency. The person sees things in new ways and feels bored by doing things the same old way.

**Harmonic 26:** A competitive drive and a distaste for mediocre results. Seeking a hero and the desire to be involved with people who have great vision, talent, and motivation. An overwhelming need to break through to a new level of accomplishment that may not be obvious in the person's behavior and mannerisms, but is evident in the enthusiasm and dedication to visions, dreams, and goals.

**Harmonic 27:** A deep need for peace and comfort. A strong pacifist tendency and an unwillingness to be involved in hostilities. A tendency to become ill or distraught from being in an inharmonious atmosphere.

**Harmonic 28:** A need for discipline and focus, but also a tendency to feel stress and to feel constrained and uncomfortable. A need to intensely focus and to find ways to release tension. A need for sustained discipline; extraordinary stamina, consistency, and durability, but also a tendency to crack under too much pressure, like a fairly strong ceramic or porcelain tile.

**Harmonic 29:** Able to adopt different points of view. Interest in how different people live and experience the world. Gaining a perspective outside the usual frame of reference of most other people. Incorporating styles, habits, or customs of other people.

A realistic and mature view that does not offer simple answers and is able to see that there is beauty and grace in many different cultures and life styles,. There are no simple answers to solving the world's problems, but it is important to understand that we can adopt new attitudes and we can choose a way of relating to the world that enables us to evolve, develop, grow, learn, and love in greater measure. We can re-create ourselves by allowing ourselves to restructure our lives and develop the habits, life style, and way of relating to others that expresses our higher ideals and vision of what is possible. A positive attitude that we can make our lives better by relating to the world in a more authentic way.

**Harmonic 30:** Cleverness and imagination. Facility for keeping others entertained and interested in something. Ability to synthesize different elements in an interesting and harmonious way.

**Harmonic 31:** The 31st harmonic is similar to the 29th harmonic and both harmonics see options for how we can live our lives and how we can choose a better relationship to the world. Awareness of the limits and barriers in various philosophies, traditions, artistic styles, and belief systems.

A tendency to feel concerned about unanswered issues, contradictions, and enigmas. Concern about inadequacies of the accepted philosophies and belief systems. Feeling dissatisfied with the common answers to questions, especially regarding religion, philosophy, and politics. Seeking a more comprehensive grasp of situations. Using literature, arts, and sciences to increase awareness of the complexities of a situation and possible realistic solutions.

**Harmonic 32:** The inner drives, talents, and motivations of a person. These inner drives are often not obvious in the behavior and personality of the person but are strong indicators of how the person thinks and processes information, and what is very important to the person.

## SIGNIFICANCE OF THE FIVE PRIME NUMBER HARMONICS BETWEEN 16 AND 32

- The five harmonics between 16 and 32 are hypothesized to be concerned with how we orchestrate our lives, how we organize the thoughts, feelings, needs, and drives available to us in a meaningful way, and how we construct our relationship to the world. We can refer to these harmonics as the “reconfiguration harmonics” because they are related to the idea that we are capable of reconfiguring the patterns of our lives, and the way in which we relate to the world using the energies and resources that are available to us.

These five harmonics fall into three natural groupings; the first group is 17 and 19, the second group is 23, and the third group is 29 and 31. Harmonics 17 and 19 are interested in the stories of people’s lives.

- The 17th harmonic is the most strongly inclined to theatre, literature, entertainment, and other ways of exploring the stories of people’s lives. The 19th harmonic is a bit eclectic and abstract.
- The 19th harmonic seems to have a bit more interest in contrasting different perspectives and analyzing them from a more cognitive point of view while the 17th harmonic seems to be a bit more inclined to be experiential.
- The 23rd harmonic appears to have confidence in what it has decided is best for oneself, and willing to take a risk or go out on a limb to try out its way of building a life and relationship to the world. It is almost as if the 23rd harmonic knows that it is not close to another prime number harmonic and enjoys its independence.

The 23rd harmonic seems to be very aware of the different patterns, strategies, and approaches to life that it can choose and takes confidence in the decisions made and strives to excel using those decisions by being devoted to the path that

one has chosen.

- The 29th and 31st harmonics seem to be particularly concerned with aspiring to a higher or more satisfying and fulfilling relationship to the world. The 29th harmonic has a propensity to enjoy stories of overcoming and transformation, of rejecting a less effective definition of oneself and accepting a more vibrant and fulfilling definition. The 31st harmonic, on the other hand, seems to be aware of some very grand context in which we find ourselves and how we cannot fully grasp or embrace this greater vision but we can move towards it.
- The 31st harmonic appears to have some similarities to the 7th note “ti” which feels as if it is about to reach a fulfillment at the next “do” an octave above the “do” in the octave in which it is situated. The 31st harmonic, however, is not as restless as the 11th harmonic which also reaches for some higher goal. The note “ti” can sound light, airy, or mystical when played with a major chord and the 31st harmonic has some of this feeling of seeking transcendence. The 11th harmonic also seeks a kind of transcendence but in a much more energetic and vibrant way, while the 31st harmonic is more intellectual, abstract, and concerned with the complexities of the human condition, philosophy, and culture.

## BRIEF KEYWORDS FOR EACH OF THE FOLLOWING HARMONICS

- 17 = enactment**
- 19 = evaluation**
- 23 = self-reliance**
- 29 = transformation**
- 31 = yearning for transfiguration.**

The 17th harmonic enjoys exploring and enacting different life styles, the 19th harmonic compares and contrasts different configurations, the 23rd chooses a configuration and sticks to it even if there is a risk, the 29th harmonic seeks transformation to a higher or more effective transfiguration, and the 31st harmonic senses a higher or more effective transfiguration that is only partially understood, not easily accessible at the current time, or difficult to implement.

All 5 harmonics are aware of how complex systems can be re-configured in different ways, especially the way we have structured our lives and the philosophies and assumptions upon which our lives are based.