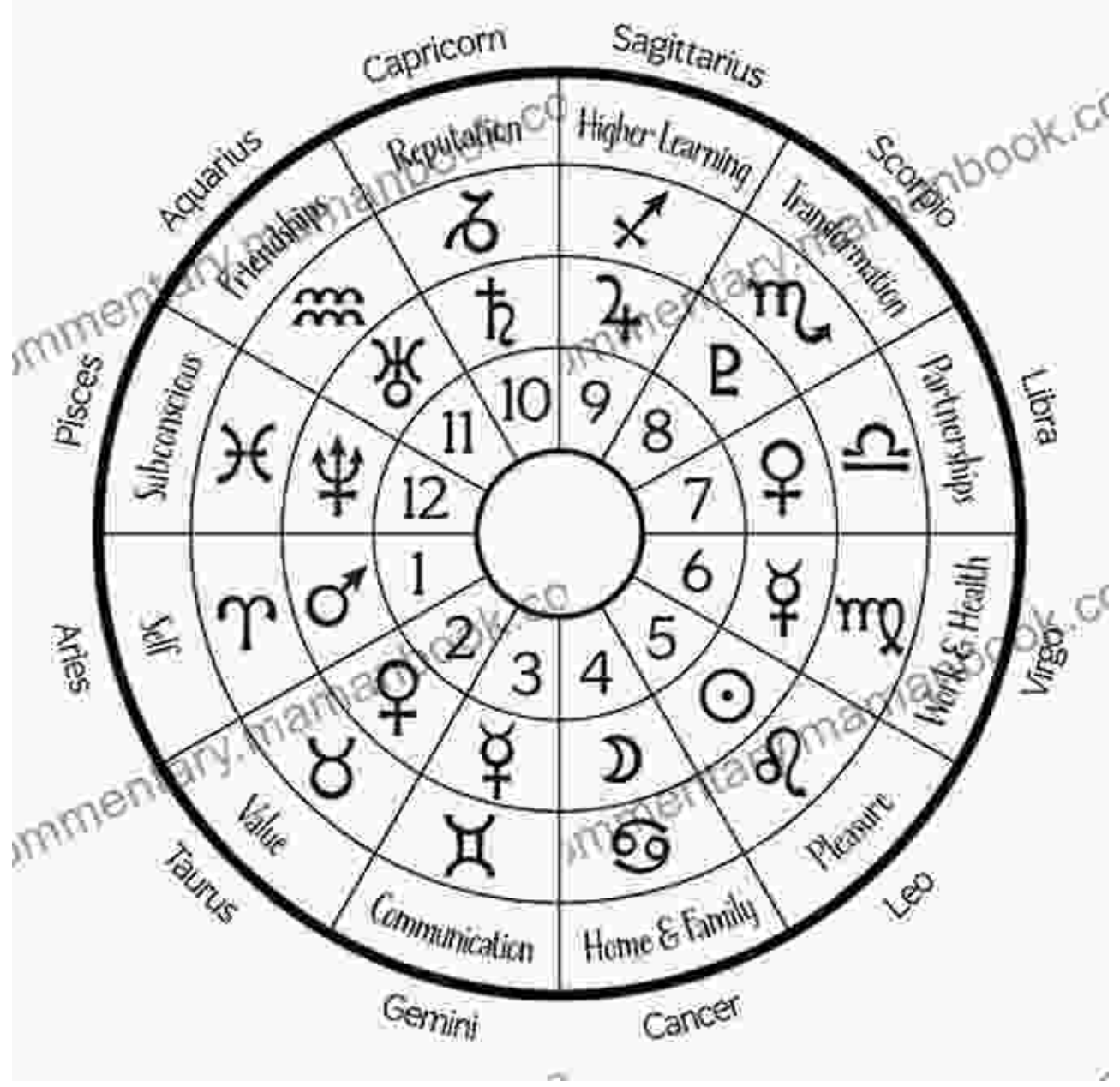
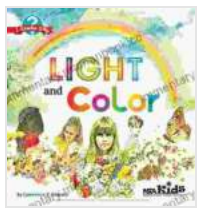
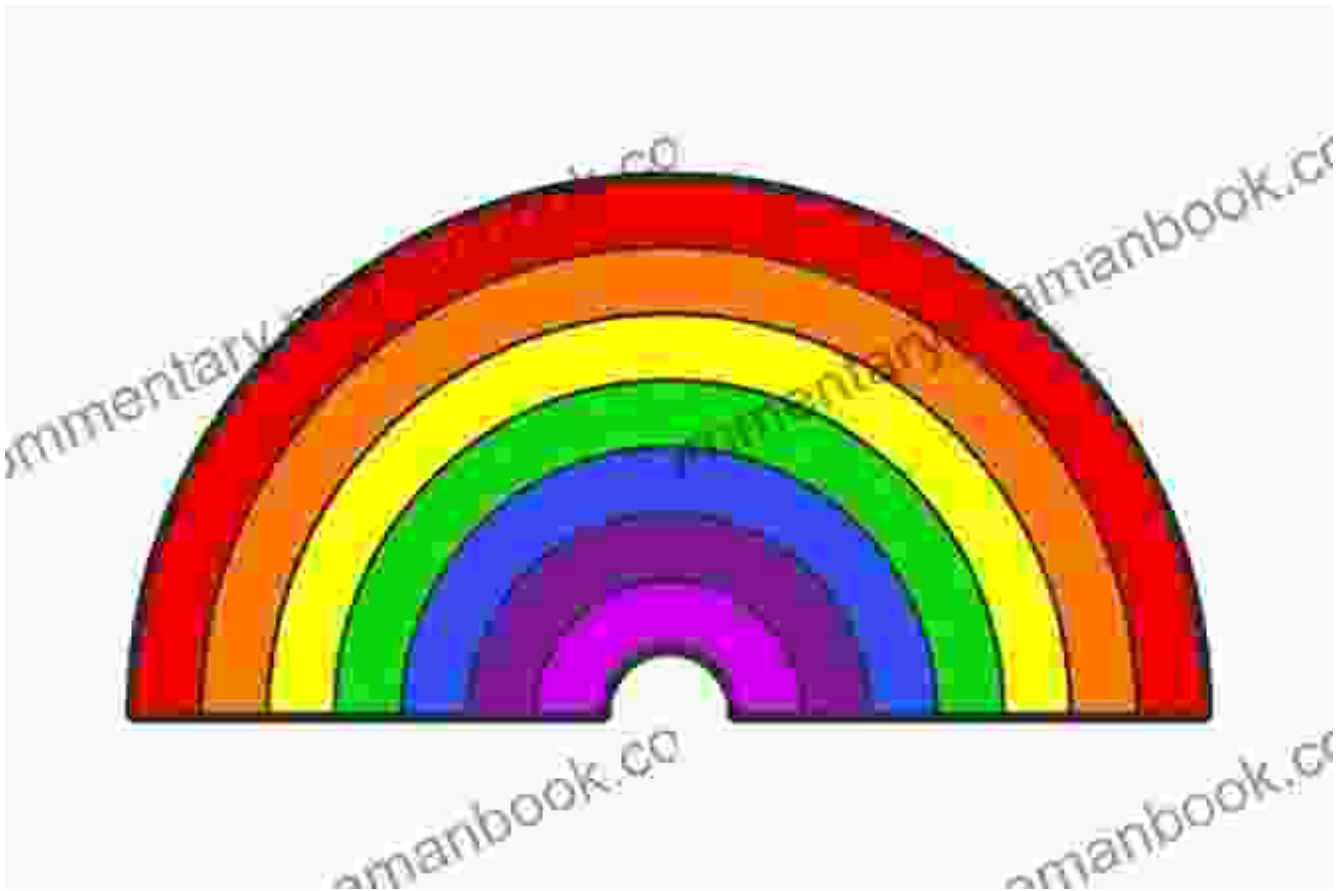


# Light and Color Wonder: Why Is 12 the Magic Number?







## Light and Color (I Wonder Why Book 12)

by Lawrence F. Lowery

★★★★★ 5 out of 5

Language : English

File size : 60866 KB

Screen Reader : Supported

Print length : 36 pages

Lending : Enabled

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The number 12 has a special significance in the world of light and color. It is the number of colors on the color wheel, the number of signs in the

zodiac, and the number of months in a year. But why is 12 such a magic number when it comes to light and color?

## **The Color Wheel**

The color wheel is a circular representation of the colors that can be created by mixing different amounts of red, yellow, and blue light. The traditional color wheel has 12 colors: red, orange, yellow, green, blue, indigo, violet, magenta, pink, brown, black, and white.

The number 12 is significant in the color wheel because it is the smallest number that can be divided evenly into three parts. This makes it possible to create a color wheel with three primary colors (red, yellow, and blue), three secondary colors (green, orange, and violet), and six tertiary colors (yellow-orange, red-orange, red-violet, blue-violet, blue-green, and yellow-green).

## **The Zodiac**

The zodiac is a belt of 12 constellations that runs across the sky. The zodiac is divided into 12 signs, each of which is associated with a different month of the year. The 12 signs of the zodiac are: Aries, Taurus, Gemini, Cancer, Leo, Virgo, Libra, Scorpio, Sagittarius, Capricorn, Aquarius, and Pisces.

The number 12 is significant in the zodiac because it is the number of months in a year. This makes it possible to associate each sign of the zodiac with a different month of the year.

## **The Number 12 in Other Cultures**

The number 12 is also significant in many other cultures around the world. For example, in Chinese culture, the number 12 is associated with the 12 Chinese zodiac animals. In Hindu culture, the number 12 is associated with the 12 major gods and goddesses. And in Christian culture, the number 12 is associated with the 12 apostles of Jesus Christ.

## Why Is 12 the Magic Number?

So why is the number 12 so significant when it comes to light and color? There are a few possible reasons.

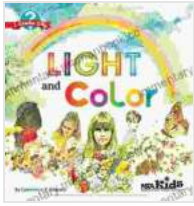
1. **The number 12 is a highly divisible number.** It can be divided evenly by 1, 2, 3, 4, 6, and 12. This makes it a very versatile number that can be used to create a variety of different patterns and designs.
2. **The number 12 is a symmetrical number.** It is the same number when read forwards or backwards. This makes it a very pleasing number to the eye.
3. **The number 12 is a natural number.** It is a number that can be found in nature. For example, there are 12 months in a year, and there are 12 hours in a day.

The number 12 is a truly magical number when it comes to light and color. It is a versatile number that can be used to create a variety of different patterns and designs. It is a symmetrical number that is pleasing to the eye. And it is a natural number that can be found in nature. All of these factors contribute to the magic of the number 12.

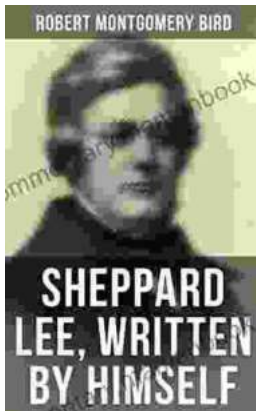
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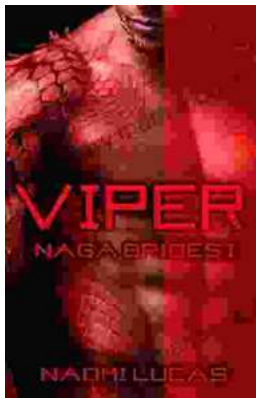


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