

Exploration of Mathematical Concepts of Numbers, Algebra and Geometry in the Qur'an

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ABSTRACT

The Qur'an is a source of knowledge regarding various dimensions of life and the universe created by Allah SWT. The relationship between mathematics and the Koran is very close in everyday life. This research is library research and aims to identify the concepts of Numbers, Algebra and Geometry in the Al-Qur'an. From the results obtained, it can be seen that the concept of numbers is in Surah Al-Isra' verse 12, Surah An-Nisa' verses 11 and 12, Surah Al-Kahf verse 25, Surah Al-Ankabut verse 14, Surah Al-Baqorah verse 261, Surah Al-Muzzammil verse 20, Surah Al-Muzzamil verses 2-4, Surah At-Taubah verse 36, Surah Al-An'am verse 160 and Surah Al-Maidah verse 89. Meanwhile for algebraic concepts, namely Surah Al-Hadid verse 25, Surah Al-Baqorah verse 196, Surah Al-Baqorah verse 234, Surah Al-Anfal verse 65, Surah Al-Ahqof verse 15 and Surah Saba' verse 15. Then the geometric concept of Surah Al-Hajj verse 29, Surah Yasin verse 40 was discovered. & Surah Al-Anbiya' verse 33, Surah Al-Fajr verse 7, Surah Al-Fajr verse 10, Surah An-Nur verse 35, Surah Az-Zukhruf verse 53, and Surah Al-Haqqah verse 32.

Keywords: Numbers, Algebra, Geometry, Al-Qur'an

INTRODUCTION

Discussions about science cannot be separated from the role of religion, because all religious studies are very attached and even become the main guideline for human life and the universe. The Al-Qur'an is one of the sources of Islamic religious teachings which is an important instrument as a guide to life for humans. This is of course the development of science that has strong ties with religious knowledge.

In line with the opinion of (Tuloli, 2022) which states that the Al-Qur'an is a collection of words of Allah SWT and descended to the Prophet Muhammad SAW for Muslims gradually through the angel Gabriel, and basically if you are guided by the Al-Qur'an which is the main source of law for humans, so he should achieve the pleasures of this world and the hereafter. Various studies contained in the Al-Qur'an provide explanations related to the study of knowledge or scientific insights with various aspects, actions in human life and ways of living that save oneself (Soimah & Fitriana, 2020). As in QS. Shad verse 29:

"may Allah bless you" (Qur'an Ministry of Religion, 2022)

It means:

"(This Qur'an is) a book that We have sent down to you (Prophet Muhammad) which is full of blessings so that they can appreciate its verses and people of sound mind can learn a lesson." (Sad/38:29)

The explanation of this verse can be shown because the Al-Qur'an was revealed by Allah because humans are able to understand its contents and gain wisdom from it, making it a guide for life in the world and provisions for the afterlife (Soimah & Fitriana, 2020). In fact, humans will survive if they practice the Qur'an, not only will they gain respect from other people, but they will also be glorified by Allah SWT.

The verses of the Qur'an are basically a truth that reveals God's provisions which aim to provide guidance regarding his greatness in this universe. An expression (Suryati et al., 2019) which provides information about learning all the truths in the Al-Qur'an, can be achieved through a comprehensive and

continuous educational process. And if knowledge has been studied thoroughly, it will essentially increase faith and self-confidence in its creator (Putri & Wahyuni, 2023) .

The science that we can study currently is mathematics, where mathematics is one of the objects of knowledge that is closely related to human life, because basically mathematics is a tool used to measure and calculate the number of a set of numbers as well as the method or process of solving a problem. In mathematics, there are the concepts of numbers, algebra and geometry, these three concepts are the basic knowledge that must be studied when studying mathematics.

The existence of numbers, algebra and geometry has had a significant developmental impact in the course of human life in various fields such as economics, accounting, technology and so on, even in the world of education it has become a mandatory science that must be studied by students because it includes basic mathematical concepts which support the highest level. Science. It is important to study numbers, because calculating the number of numbers that can be determined is like determining the remaining purchase money that the trader must return to the buyer. Alanda in (Roziqin, 2019) , explained that the Al-Qur'an contains many mathematical discoveries and studies, including about the number of days in a week and the number of days in a year.

According to (Ghea Hapshah Loemongga Puspasari et al., 2022) , algebra offers a mechanism for translating formulas and solving equations that is simpler than the traditional approach which states everything in words, from this, the algebraic approach to everyday life can be exemplified . We can find the application of algebra when traders want to determine the results of losses or profits and can determine the capital needed, in this case the importance of studying algebra as a basic concept to be applied in everyday life.

Explanation of geometry by Walle in (Zulaikha Assegaf et al., 2023) geometry has a strong connection in everyday life, because it increases the ability to develop problem solving and the function of geometry which is important for studying the relationship with other branches of mathematics. According to Zainul & Prima in (Kartini et al., 2020) , Geometry is part of several mathematics lessons with several concepts in it, including lines, points and planes as well as several spatial objects which include their size and properties which are connected to each other. other. Basically, the shapes of objects around us, such as balls, tables and other objects, are geometric shapes, which in essence cannot be separated from the concepts of circles, rectangles, squares and so on, as forms of naming objects around us. Therefore, it is so important to study geometry in everyday life.

The concepts of numbers, algebra and geometry in religion have been widely used in the Al-Qur'an, this is of course the connection between science and the Al-Qur'an needs to be applied in the world of basic education to higher education as a development of scientific insight, even making it a process Human thinking in understanding mathematics cannot be separated from the connection between religious knowledge so that it increases faith and trust in Allah SWT.

Some of the background that has been revealed above is an interesting discussion for the author to examine the mathematical sciences contained in the Al-Qur'an factually, which includes numbers, algebra and geometry. Therefore, the author will examine the facts of mathematics in the Al-Qur'an and hopes to contribute the concepts of mathematics with the Al-Qur'an that have been obtained in this research to the development of science specifically in the world of education in general.

METHOD

The author chose the type of qualitative research in this research. The qualitative approach is research based on methods that analyze social phenomena and human problems (Hanifah, 2023) . The method used in this research is descriptive with the type of library *research* . Descriptive research is research that has the aim of investigating circumstances, conditions or other things that have been mentioned and the results are described in the form of a research report.

The data sources for this research are the Ministry of Religion's Al-Qur'an and articles covering the relationship between mathematics and the Al-Qur'an. The choice of data collection technique used by the author in this research is documents. According to (Fiantika et al., 2022) , documents are historical events that are formed in writing and documents are divided into two types, namely official and personal documents,

official documents include books, articles, reports or other official documents and personal documents include notes, daily, autobiography and so on.

The analysis used in this research uses the content analysis method. As Weber argued in (Ahmad, 2018), that content analysis is drawing valid conclusions from a text which is carried out in process stages. Then for data analysis there are three stages carried out by the author to draw final conclusions, namely data condensation, data display and then conclusion drawing (source Milles, Huberman and Saldana in (Fiantika et al., 2022)).

RESULTS AND DISCUSSION

1. The concept of numbers in the Koran

a. Surah Al-Isra', verse 12:

"We made night and day two signs (of our greatness). We abolished the signs of the night and We made the signs of the day bright and clear so that you (can) seek grace from your Lord and know the number of years and the reckoning (of time). We have explained everything in detail ." (*Qur'an Ministry of Religion* , 2022)

From this verse we can find the fact that if we describe night as positive (+) and day as negative (-) or vice versa. In this case, positive, zero and negative are the components of an integer. So night and day indicate the existence of positive and negative numbers. The illustration is that if a positive number 5 is given a negative sign, it becomes -5 and vice versa (Supriyadi, 2021).

b. Surah An-Nisa', verses 11 and 12:

"Allah has prescribed (required) you regarding (distribution of inheritance to) your children, (namely) the share of one son is equal to the share of two daughters. If there are more than two children, their share is two-thirds of the assets left behind. If she (daughter) is the only one, she gets half (the property left behind). For both parents, each shares one-sixth of the assets left behind, if he (the deceased) has children. If he (the deceased) has no children and he is inherited by his parents (only), his mother gets a third. If he (the deceased) has several siblings, his mother gets one sixth. (The inheritance is divided) after (fulfilling) the will he made or (and paying off) the debt. (Regarding) your parents and your children, you do not know which of them is of greater benefit to you. This is God's decree. Indeed, Allah is All- Knowing, All-Wise (11) "

For you (husbands) half of the property left by your wives, if they have no children. If they (your wives) have children, you get a quarter of the assets they leave after (fulfilling) the will they made or (and after paying) their debts. For them (the wives) a quarter of the property you leave if you do not have children. If you have children, give them (the wives) one-eighth of the assets you leave (after fulfilling) the will you made or (and after paying) your debts. If a person, whether male or female, dies without leaving father and son, but has a brother (seibu) or a sister (seibu), to each of the two types of siblings one-sixth of the property. However, if there is more than one of them (siblings), they share the third share together, after (fulfilling the will) made by them or (and after paying) their debts without causing inconvenience to (the heirs). Such are God's provisions. Allah is All-Knowing, Most Forgiving." (*Qur'an Ministry of Religion* , 2022)

This verse explains the division of inheritance which shows the use of fractional numbers. The verse mentions fractional numbers, namely one-half $1/2$, one-third $1/3$, one-quarter $1/4$, one-sixth $1/6$, one-eighth $1/8$ and two-thirds $2/3$ (Farid, 2022).

c. Surah Al-Kahf, verse 25:

"They lived in caves for three hundred years plus nine years." (*Qur'an Ministry of Religion* , 2022)

The information obtained from this verse concerns positive integers. So the fact is that the cave was their residence for $300+9 = 309$ years (Cahya & Ahmadi, 2020) .

- d. Surah Al-Ankabut, verse 14:

"Indeed, We indeed sent Noah to his people, then he lived with them for a thousand years or less fifty years. Then, they were hit by a great flood in the condition of unjust people . " (*Qur'an Ministry of Religion* , 2022)

Explanation of the passage in this verse regarding negative numbers. So it can be found that the prophet Noah lived among them, namely $1000 - 50 = 950$ years (Farid, 2022) .

- e. Surah Al-Baqorah, verse 261:

" The parable of those who spend their wealth in the way of Allah is like (those who sow) a seed that grows seven stalks, on each stalk there are a hundred seeds. Allah multiplies (rewards) for whom He wills. Allah is All-Encompassing, All-Knowing . " (*Qur'an Ministry of Religion* , 2022)

This verse explains the operation of multiplying numbers. So the reward for spending wealth is $1 \text{ grain} = 7 \text{ grains}$, so $7 \text{ grains} \times 100 \text{ grains} = 700$ times the reward (Tuloli, 2022) .

- f. Surah Al-Muzzammil, verse 20:

"Indeed, your Lord knows that you (Prophet Muhammad) stand (praying) less than two-thirds of the night, or one-half of the night or one-third and (likewise) a group of those with you. Allah has determined the measure of night and day. Allah knows that you do not can calculate (in detail these times so that it makes it difficult for you to perform evening prayers). So, He will return (give relief) to you. Therefore, read (verses) of the Qur'an that are easy (for you). there are those among you who are sick, and others who walk the earth seeking some of Allah's bounty and others who fight in the way of Allah, so read what is easy (for you) from it (the Qur'an). , and give a good loan to Allah. Whatever good you do for yourself, you will surely receive it from Allah as the best reward and the greatest reward. Ask Allah for forgiveness. Indeed, Allah is Forgiving, Most Merciful." (*Qur'an Ministry of Religion* , 2022)

The content related to the discussion of this verse is related to fractional numbers which contain the numbers two-thirds $\frac{2}{3}$, one-half $\frac{1}{2}$ and one-third $\frac{1}{3}$, in which case Muslims are advised to perform evening prayers at two-thirds or one-half and/or one-third of the night.

- g. Surah Al-Muzzamil, verses 2-4:

"2. Get up (to pray) at night, except for a small part, 3. (namely) half of it, a little less than that, 4. or more than (half of) that. Read the Qur'an slowly" . (*Qur'an Ministry of Religion* , 2022)

Allah SWT ordered the Prophet Muhammad SAW and his people to perform evening prayers half the night. So the content of the verse shows the concept of a fraction, namely $\frac{1}{2}$ (half).

- h. Surah At-Taubah, verse 36:

"Indeed, the number of months with Allah is twelve months, (as) Allah decreed (in Lauh Mahfuz) when He created the heavens and the earth, of which there are four haram months. That is (the decree of) the straight religion, so do not wrong yourselves on them (those four months), and fight all the polytheists as they fight all of you. Know that indeed Allah is with those who fear Allah." (*Qur'an Ministry of Religion* , 2022)

The positive numbers 12 and 4 can be seen in this verse which is a description of the 12 months of the year and the 4 haram months of the year.

- i. Surah Al-An'am, verse 160:

"Whoever does good will be rewarded ten times as much. Whoever does bad will not be rewarded except what is equal to it. They will not be wronged (in the slightest)." (Qur'an Ministry of Religion , 2022)

If you pay attention, the concept of multiplication number operations can be identified which shows that when humans do good deeds they will be rewarded ten times as much, in which case we can formulate $1 \times 10 = 10$. As an example, if humans do 20 good deeds then the reward picture is $20 \times 10 = 200$.

- j. Surah Al-Maidah, verse 89:

"Allah does not punish you because of your unintentional oaths (to swear), but He punishes you because of your deliberate oaths. So, the kafarat (fine for breaking an oath) is to feed ten poor people from (ordinary) food you give to your family, give clothes to them, or free a slave. Whoever is unable to do so, then (the kafarat) fasts for three days. That is the kafarat of your vows when you swear (and you keep your vows). Allah explains to you His laws so that you may be grateful (to Him)." (Qur'an Ministry of Religion , 2022)

When you want to pay for a person's daily staple food in an area, for example rice and the price is 10,000, then there is a concept of multiplying 10 (poor people) \times 10,000 (identified price) = 100,000. So someone can prepare IDR 100,000 to pay their kafarat.

2. Algebraic Concepts in the Koran

- a. Surah Al-Hadid, verse 25:

"Indeed, We have indeed sent Our messengers with clear proofs and We have sent down with them the book and the scales (of justice) so that people can act justly. We sent down iron which has great strength and various benefits for humans so that Allah knows who helps His (religion) and His messengers even though (Allah) cannot see it. Indeed, Allah is All-Powerful, All-Mighty." (Qur'an Ministry of Religion , 2022)

Justice is explained in this verse. An equation that can be obtained from the principles of justice based on this verse is for example: $2x + 6 = 12$, what is the value of x ?

We can find the solution to this question, namely:

$$\begin{aligned} 2x + 6 &= 12 \\ 2x &= 12 - 6 \\ 2x &= 6 \\ x &= 3 \end{aligned}$$

Operating the equation, it can be seen that the right side and left side must be the same. So we can conclude that the solution is the principle of fairness in mathematics.

- b. Surah Al-Baqorah, verse 196:

"Perfect the Hajj and Umrah for the sake of Allah. However, if you are surrounded (by enemies), (slaughter) what is easily available and do not shave (the hair) on your head before the hadyu reaches the place of slaughter. If any of you is sick or has problems with

his head (and he shaves), he is obliged to perform fidyah, namely fasting, giving alms or making a sacrifice. If you are safe, whoever performs the Umrah before the Hajj (tamatu'), he (must slaughter) hadyu which is easily available. However, if he does not get it, he (must) fast for three days during the Hajj and seven (days) after you return. That's ten perfect days. This provision applies to people whose families do not live near the Grand Mosque. Fear Allah and know that Allah is Severe in punishment." (Qur'an Ministry of Religion , 2022)

The explanation regarding this verse is that anyone who wants to perform the Umrah and Hajj during the month of Hajj is permitted to do so. Therefore, it is obligatory for him to slaughter an animal for sacrifice which is not difficult to find. If he cannot obtain the sacrificial animal, he is obliged to fast for 3 days during the Hajj and after the Hajj fast for 7 days, for a total of 10 perfect days.

In this verse, there is an Algebraic concept (addition operations) which can be observed in this verse, Allah SWT mentions the numbers 3 and 7. Then for the operation of calculating numbers (addition) what is visible is the total number of fasting services that humans must carry out when carrying out the Hajj pilgrimage and 3 days (during Hajji) plus 7 days (after completing Hajji) equals 10 days. So, this can be written into mathematics by replacing the day symbol with another letter, for example h., then it is the same as $3h + 7h = 10h$ (Putra, 2020) .

c. Surah Al-Baqorah, verse 234:

"Those who die among you and leave wives behind, let them (wives) wait for themselves (to pray) four months and ten days. Then, when they have reached (the end of) their prayer, there is no sin on you (guardian) regarding what they do to themselves) in an appropriate way. Allah is All-Knowing of what you do." (Qur'an Ministry of Religion , 2022)

The algebraic concept in this verse is that a wife's period of iddah is 4 months and 10 days and it is obligatory to carry it out. We can let x be a month and y be a day, then we know that the span of one month is 30 days and then we can make the equation:

$$\begin{array}{l} 4x + 10y \dots\dots \text{press 1} \\ x = 30y \dots\dots\dots \text{press 2} \end{array}$$

Then, the substitution method can be used to solve the two equations above so that the total days in a woman's iddah period are;

$$\begin{array}{l} 4x + 10y = 4(30y) + 10y \\ = 120y + 10y \\ = 130y \end{array}$$

So a woman's iddah period is 130 days. Then it is the woman's obligation not to carry out acts that are not permitted (haram) during her iddah period (Muqoddaroh & Malasari, 2023) .

d. Surah Al-Anfal, verse 65:

"O Prophet (Muhammad), stir up the spirit of the believers to fight. If there are twenty patient people among you, they will surely be able to defeat two hundred (enemies); and if there are a hundred (patient) people among you "They will surely be able to defeat a thousand disbelievers because they (the disbelievers) are a people who do not understand . " (Qur'an Ministry of Religion , 2022)

The war during the time of the Prophet Muhammad SAW faced a difficult situation, but thanks to the greatness of Allah SWT, the patient Islamic troops were able to defeat the infidel (enemy) troops whose troops were superior in number. This verse describes 20 patient people who will defeat

200 enemies and if there are 100 people then 1000 people will be defeated. If we imagine that 1 Islamic army can defeat the enemy, this can be calculated using the algebraic concept as follows. For example, x is a patient Islamic army;

$20x = 200$ $x = 200/20$ $x = 10$ $100x = 1000$ $x = 1000/100$ $x = 10$
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So, 1 Islamic army can fight 10 enemies.

- e. Surah Al-Ahqof, verse 15:

"We enjoined man to do good to his parents. His mother conceived him with great difficulty and gave birth to him with great difficulty (also). She carried him from birth to weaning for thirty months. So, when he is an adult and reaches forty years of age, he (the child) said, "O my Lord, give me guidance so that I can be grateful for Your blessings that You have bestowed on me and my parents, can do good deeds that You approve of, and grant me piety until my children and grandchildren can repent - You and indeed I am one of the Muslims." (Qur'an Ministry of Religion , 2022)

30 months is the sum of the pregnancy period and the mother's obligation to breastfeed her child. Generally, the duration of pregnancy is 9 months and if we want to know the number of periods of obligation to breastfeed, it can be identified using an algebraic equation where we assume breastfeeding is equal to the variable x then;

$9 + x = 30$ $x = 30 - 9$ $x = 21$

So, a mother's obligation to breastfeed her child is 21 months or 1 year 9 months.

- f. Surah Saba', verse 15:

"Indeed, among the people of Saba' there really is a sign (of Allah's greatness and power) in their residence , namely two gardens on the right and left. (We ordered them,) "Eat the sustenance (given by) your Lord and thank Him. (Your country) is a good (comfortable) country, while (your God) is the Most Forgiving God." (Qur'an Ministry of Religion , 2022)

The concept of algebra in this verse is shown regarding justice as well as a sign or sign of the greatness of Allah SWT to the Saba' people who were given 2 equal gardens, each on the right and left sides, so that they became equal; right side garden = left side garden.

3. Geometry Concepts in the Koran

- a. Surah Al-Hajj, verse 29:

" Then, let them remove the dirt from their bodies, complete their vows, and perform tawaf around al-Bait al-'Atīq (Baitullah)." (Qur'an Ministry of Religion , 2022)

The relationship between the Kaaba pilgrimage and tawaf is explained to humans by this verse, because tawaf is done by circling the Kaaba and is part of the pillars of the pilgrimage. During

Tawaf, people usually walk around it seven times, this shows the relationship between Tawaf and geometry, a branch of mathematics related to exploring the Kaaba on foot.

The circumference or area of a circle has a formula that we often use, namely ϕ , which is often used in the geometry of circular objects and is almost the same as $22/7 = 3.14$. According to (Soimah & Fitriana, 2020), explains that if you look closely, the pillars of Hajj and Tawaf have a relationship between 22 and 7, the 22nd letter is Al-Hajj which symbolizes Hajj, and Tawaf which forms a circle by going around it seven times.

Examples of questions that can be used are:

Tawaf around the Kaaba, carried out by someone. A person's distance from the center of the Kaaba is 21 meters. If the person performs tawaf at an even distance. Then, how many meters did the person travel? So, use the concept of circumference of a circle to solve the problem given. Radius 21 meters. Circumference of the resulting circle = $2\pi r = 2(22/7)(21) = 132$ meters. So, $7 \times 132 = 924$ is the distance traveled in meters (Noperta, 2023).

- b. Surah Yasin, verse 40 & Surah Al-Anbiya', verse 33:

Al-Anbiya 33;

"It is He who created night and day, the sun and the moon. Each circulates in its orbit." (Qur'an Ministry of Religion, 2022)

Yasin 40;

"It is impossible for the sun to catch up with the moon and night cannot precede day. Each circulates in its orbit." (Qur'an Ministry of Religion, 2022)

There is a geometric concept of lines in the two verses above. Science shows that the moon rotates around the earth and on its axis based on these two paths. The sun also functions as the orbit of the earth and moon. Similar to how the stars, sun and moon move quickly and regularly in their respective orbits to avoid collisions. According to Thayyarah, the moon moves in a curved path, as scientists discovered. Instead of moving straight, it moves in a circle. Every celestial body has its own axis and trajectory, called an orbit. This is the concept of line. Likewise, the earth rotates on its axis, making day and night come alternately (Huda, 2020).

- c. Surah Al-Fajr, verse 7

"(namely) the inhabitants of Iram (the capital of 'Ad) who have tall buildings." (Qur'an Ministry of Religion, 2022)

Geometric elements are found in buildings as in this paragraph, which have high dimensions on a surface.

- d. Surah Al-Fajr, verse 10:

"And haven't you also noticed Allah's punishment for Pharaoh who had stakes? Allah punished him even though he was able to build large pyramids and had a large army. Allah also destroyed Pharaoh." (Qur'an Ministry of Religion, 2022)

The explanation related to this verse is that the geometric shape of the pyramid is in the form of a triangle, which generally has several types, including right-angled, regular and irregular triangle pyramids.

- e. Surah An-Nur, verse 35:

"Allah (giver) of light (in) the heavens and the earth. The parable of His light is like a hole (in a wall) that cannot be penetrated, inside which there is a large lamp. The lamp is in a glass tube (and) the glass tube is like a star (which shines like) a pearl, which is lit with oil from a blessed tree, (namely) an olive tree that grows neither in the east nor in the west,

whose oil (only) almost illuminates even if it is not touched by fire. Light on top of light (layered). Allah gives guidance to His light to whom He wills. Allah makes parables for humans. Allah is All-Knowing of all things". (Qur'an Ministry of Religion , 2022)

The fact that glass tubes are geometric shapes as stated in this paragraph.

- f. Surah Az-Zukhruf, verse 53:

"So, why not put a gold bracelet on him (Moses) or have an angel come with him to accompany him?" (Qur'an Ministry of Religion , 2022)

The Prophet Moses was given a gold bracelet as his appointment as a prophet by Allah. It appears that the bracelet was of course circular (geometry).

- g. Surah Al-Haqqah, verse 32:

"Then bind him with a chain seventy cubits long." (Qur'an Ministry of Religion , 2022)

The length of the chain mentioned has a size of 70 cubits, where the length of 1 cubit is equal to between the tip of the middle finger of the hand to the tip of the elbow of the arm, which if there is a person whose size is 50 cm, then the size of the chain that is wrapped around it has a length of $70 \times 50 \text{ cm} = 3,500 \text{ cm}$ or 35 meters.

CONCLUSION

Some of the descriptions in the results and discussion section for this research are several verses of the Qur'an which have been identified as containing the concepts of number, algebra and geometry, including the concept of number, namely in Surah Al-Isra' verse 12, Surah An-Nisa' verse 11 and 12, Surah Al-Kahf verse 25, Surah Al-Ankabut verse 14, Surah Al-Baqorah verse 261, Surah Al-Muzzammil verse 20, Surah Al-Muzzamil verses 2-4, Surah At-Taubah verse 36, Surah Al- An'am verse 160 and Surah Al-Maidah verse 89. Meanwhile for algebraic concepts, namely Surah Al-Hadid Verse 25, Surah Al-Baqorah Verse 196, Surah Al-Baqorah Verse 234, Surah Al-Anfal Verse 65, Surah Al-Ahqof verse 15 and Surah Saba' verse 15. Then we found the geometric concept of Surah Al-Hajj Verse 29, Surah Yasin Verse 40 & Surah Al-Anbiya' Verse 33, Surah Al-Fajr Verse 7, Surah Al-Fajr Verse 10, Surah An- Nur verse 35, Surah Az-Zukhruf verse 53, and Surah Al-Haqqah verse 32.

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