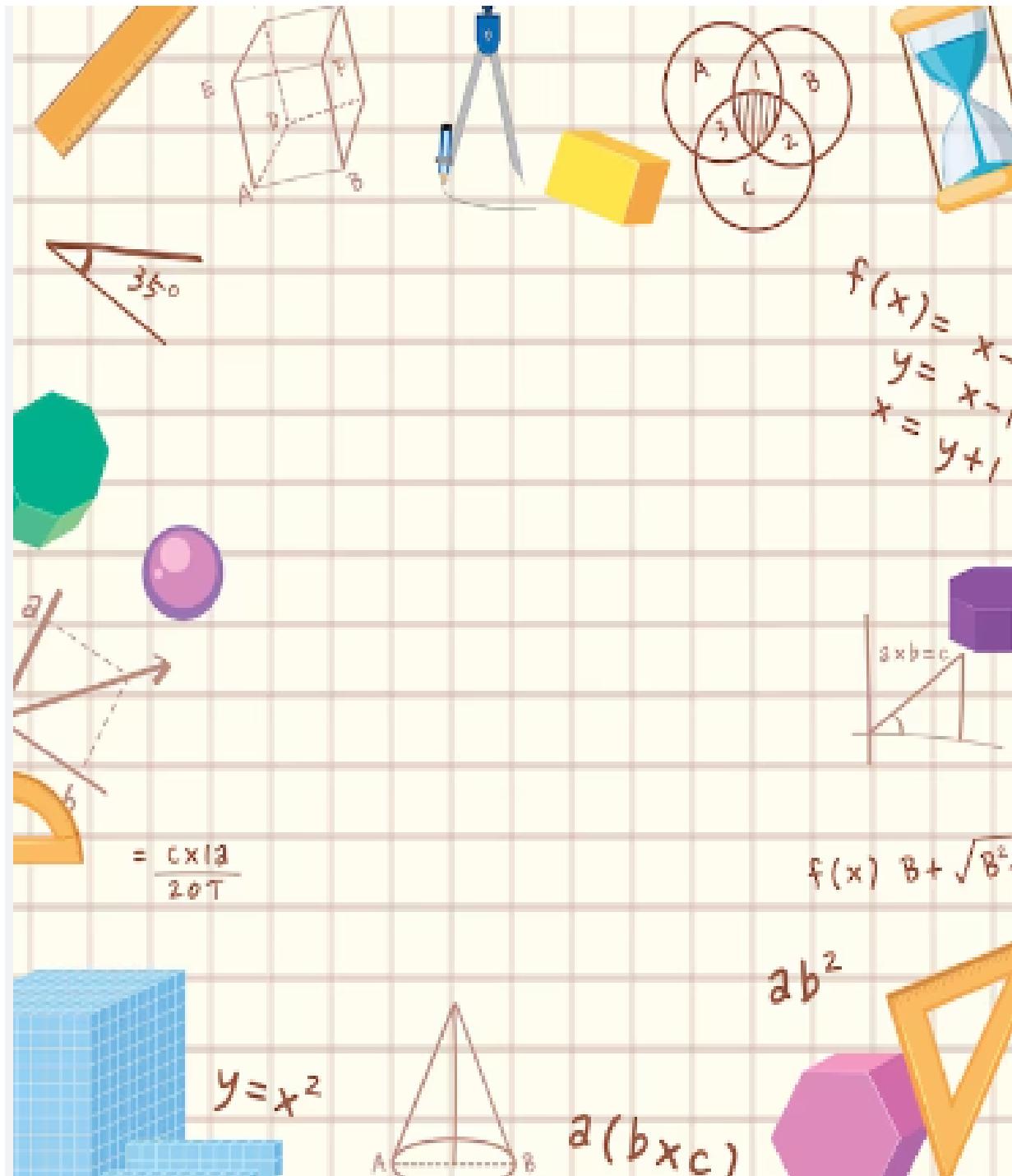




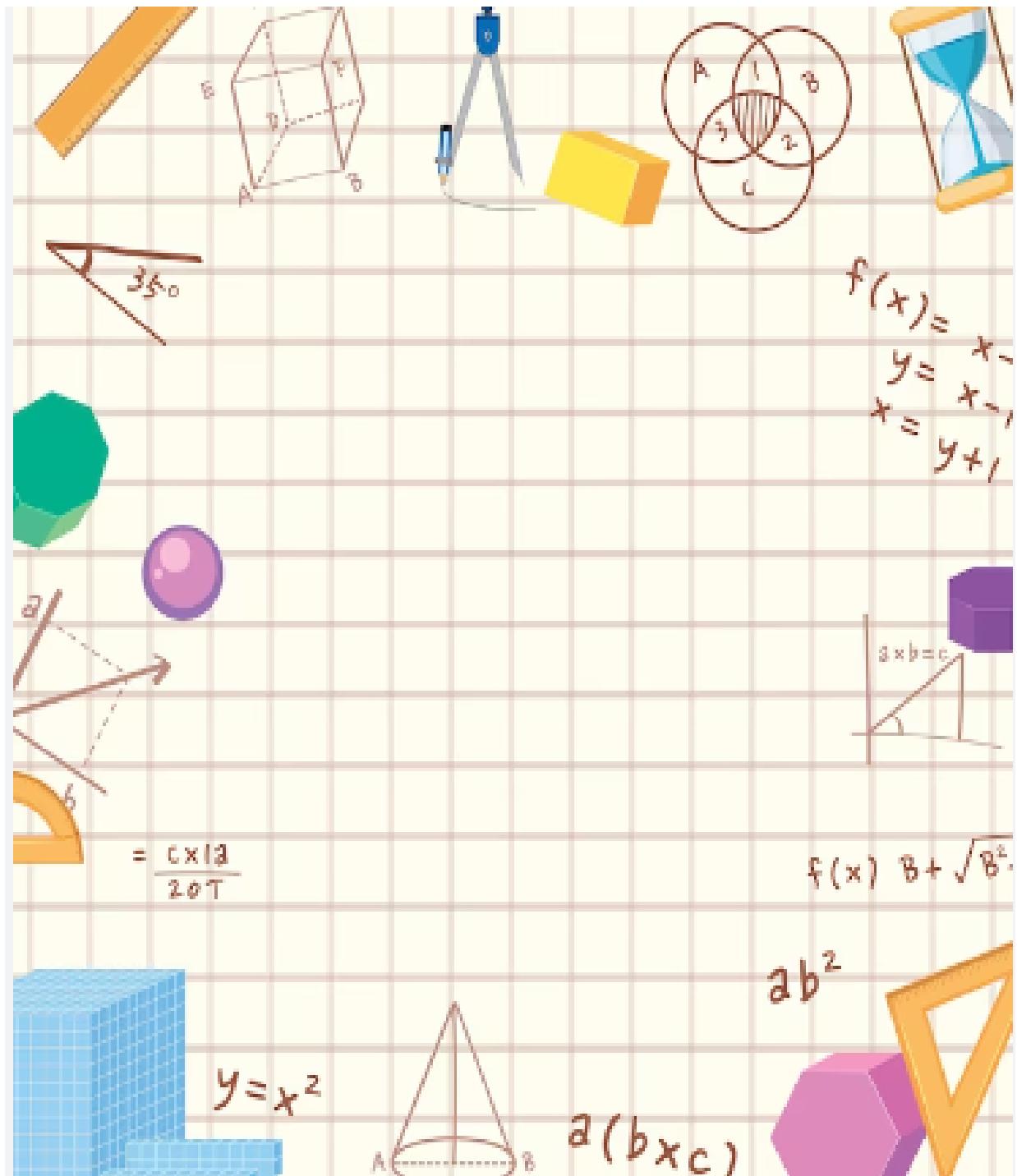
WORD PROBLEMS FROM THE HOOD!

BY PUTT BEY

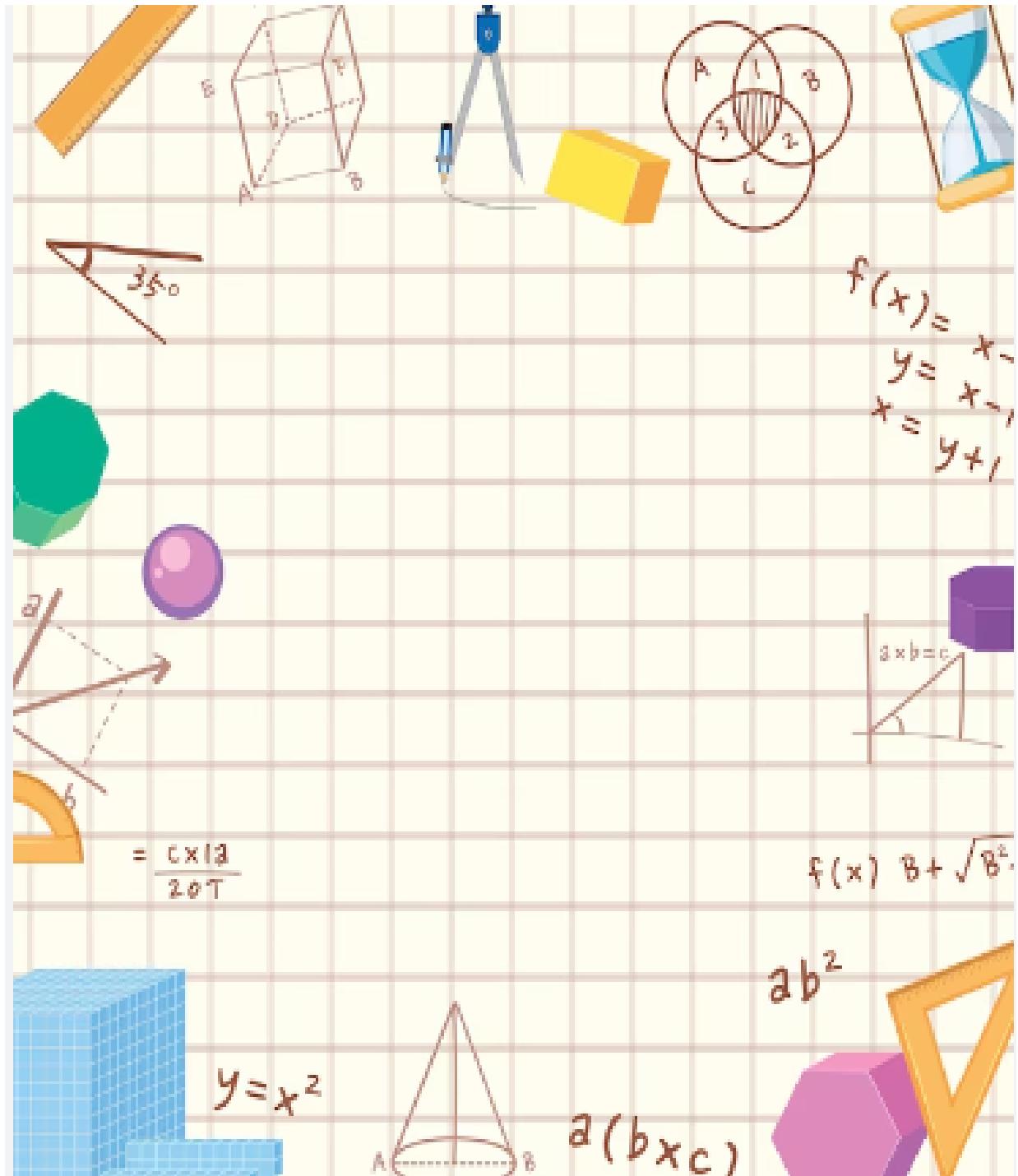
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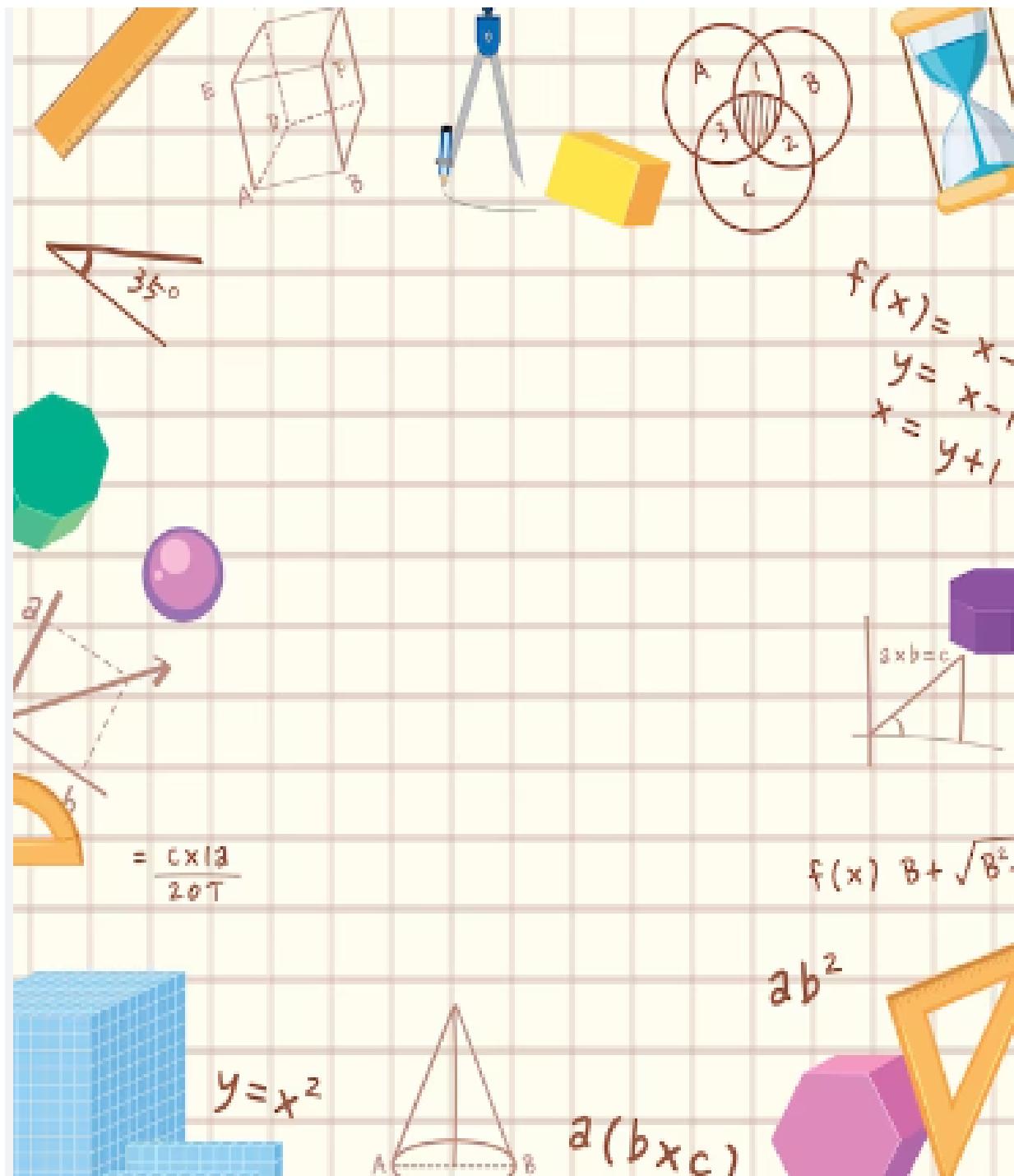
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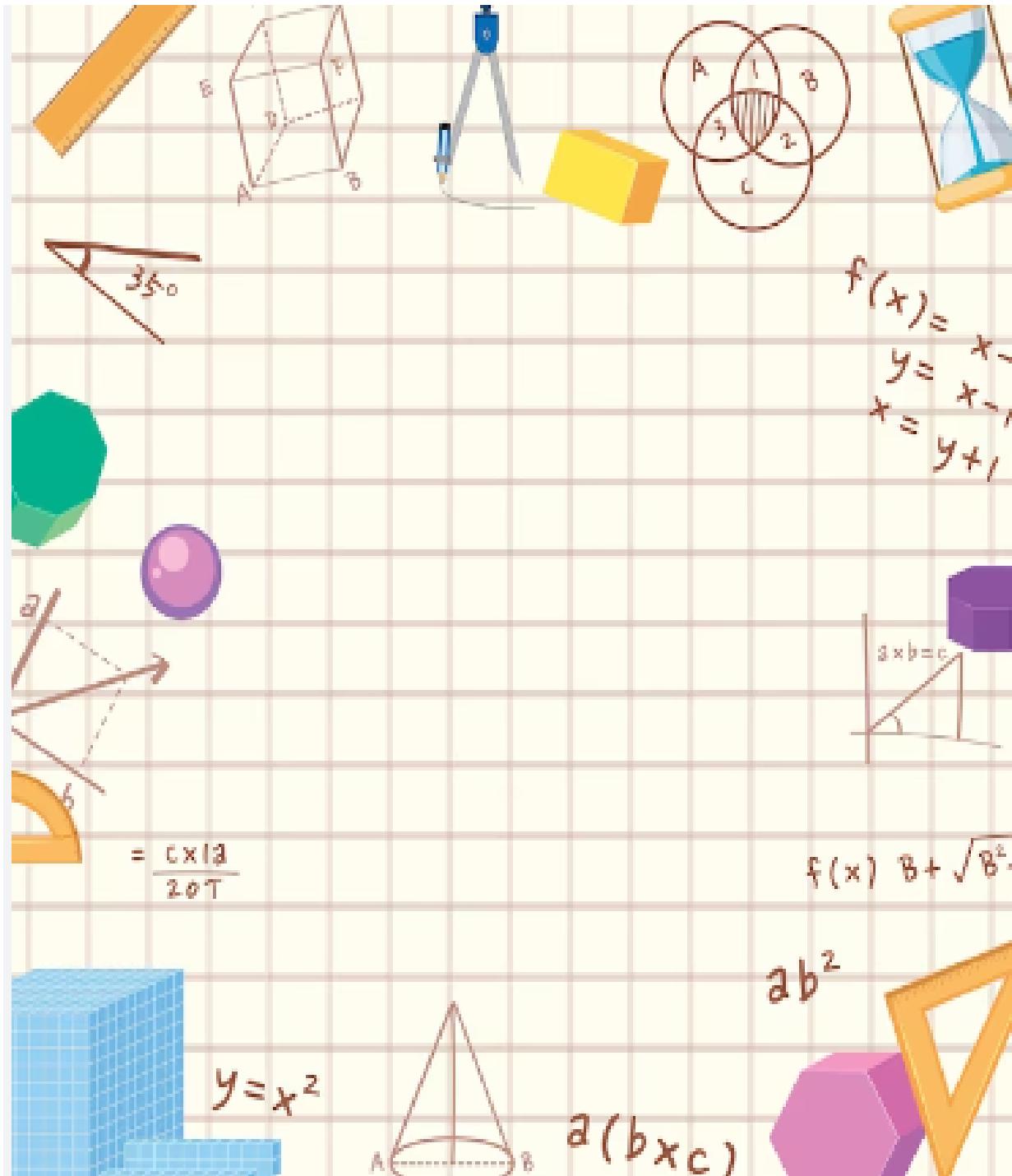
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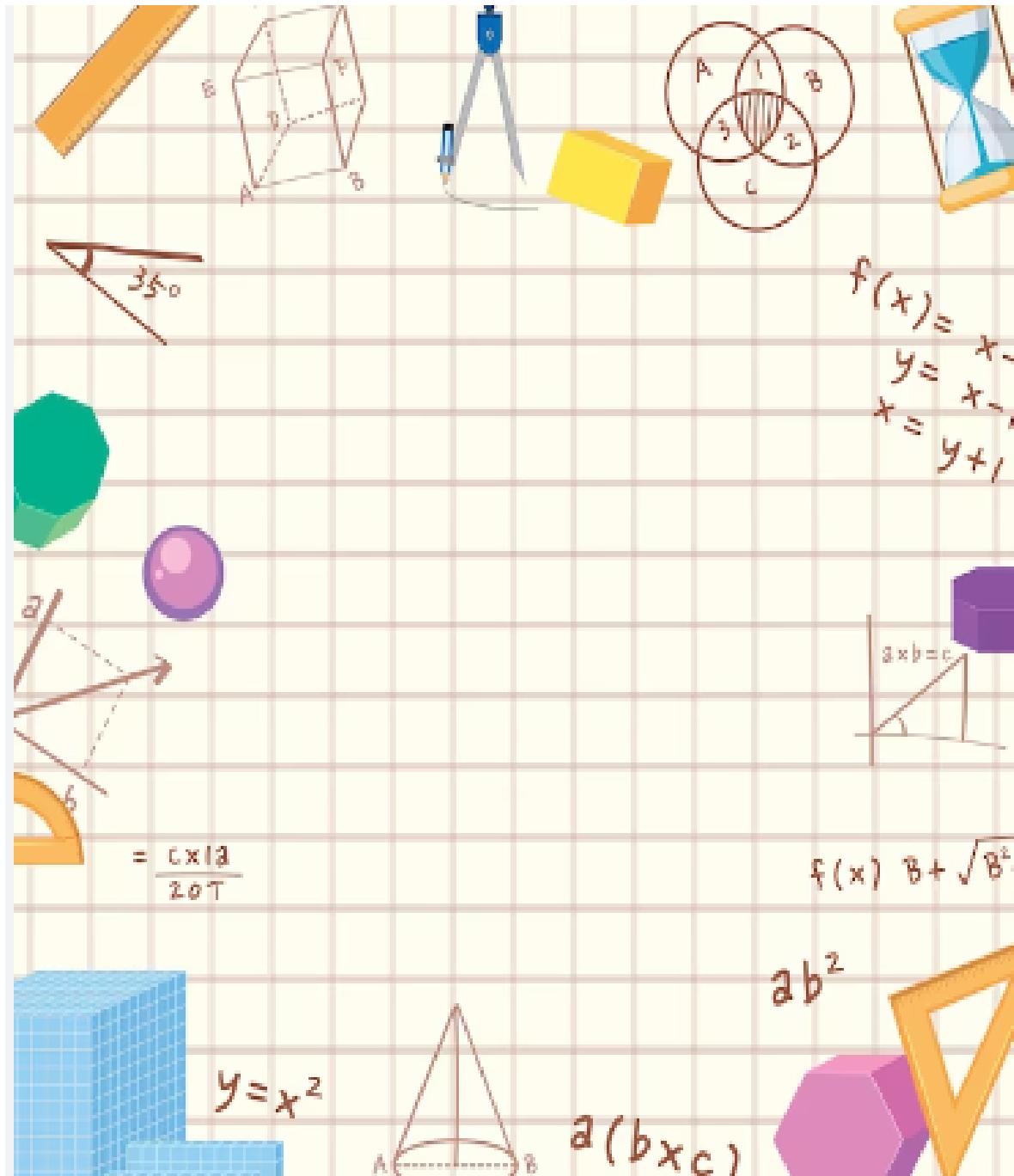
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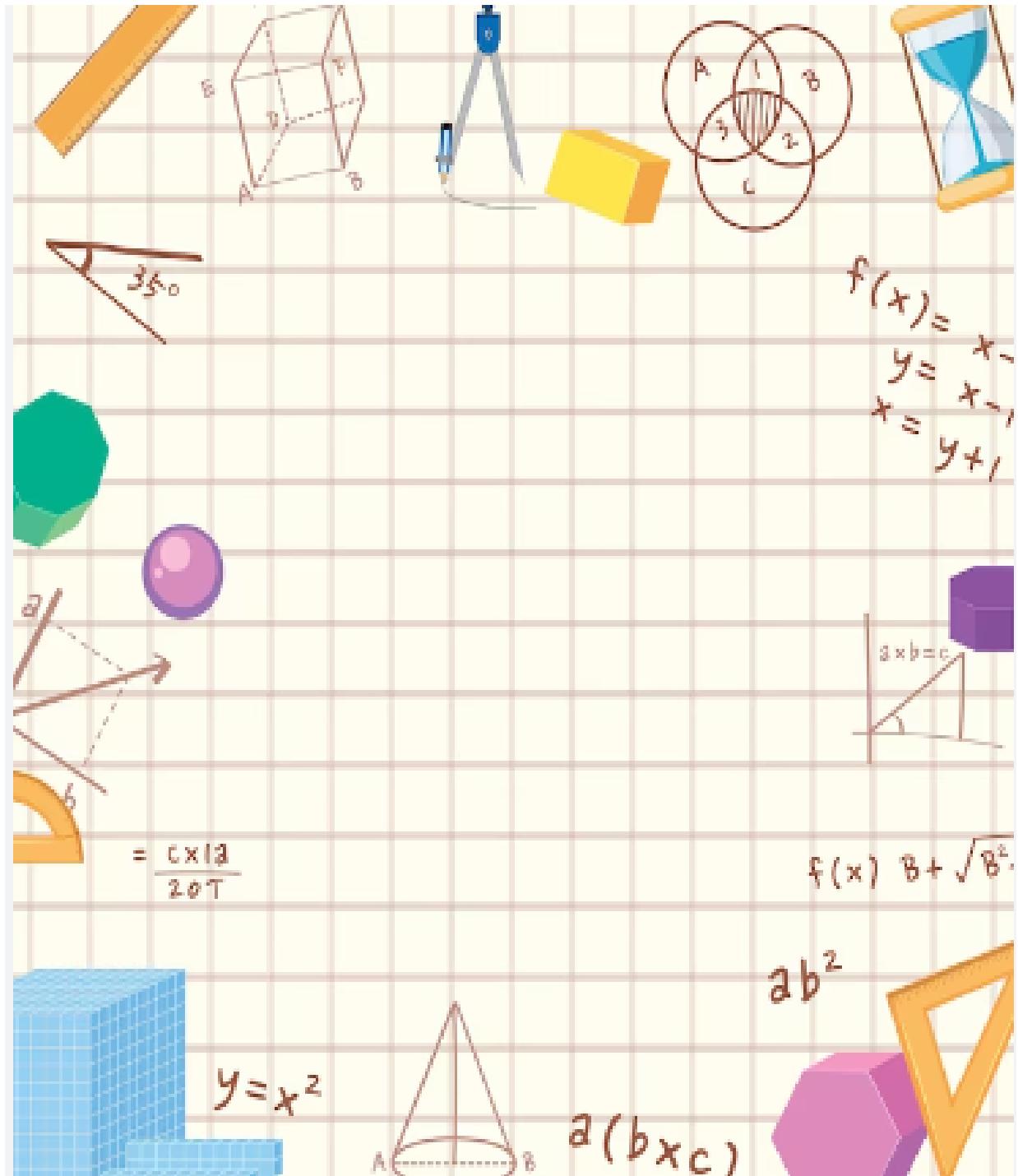
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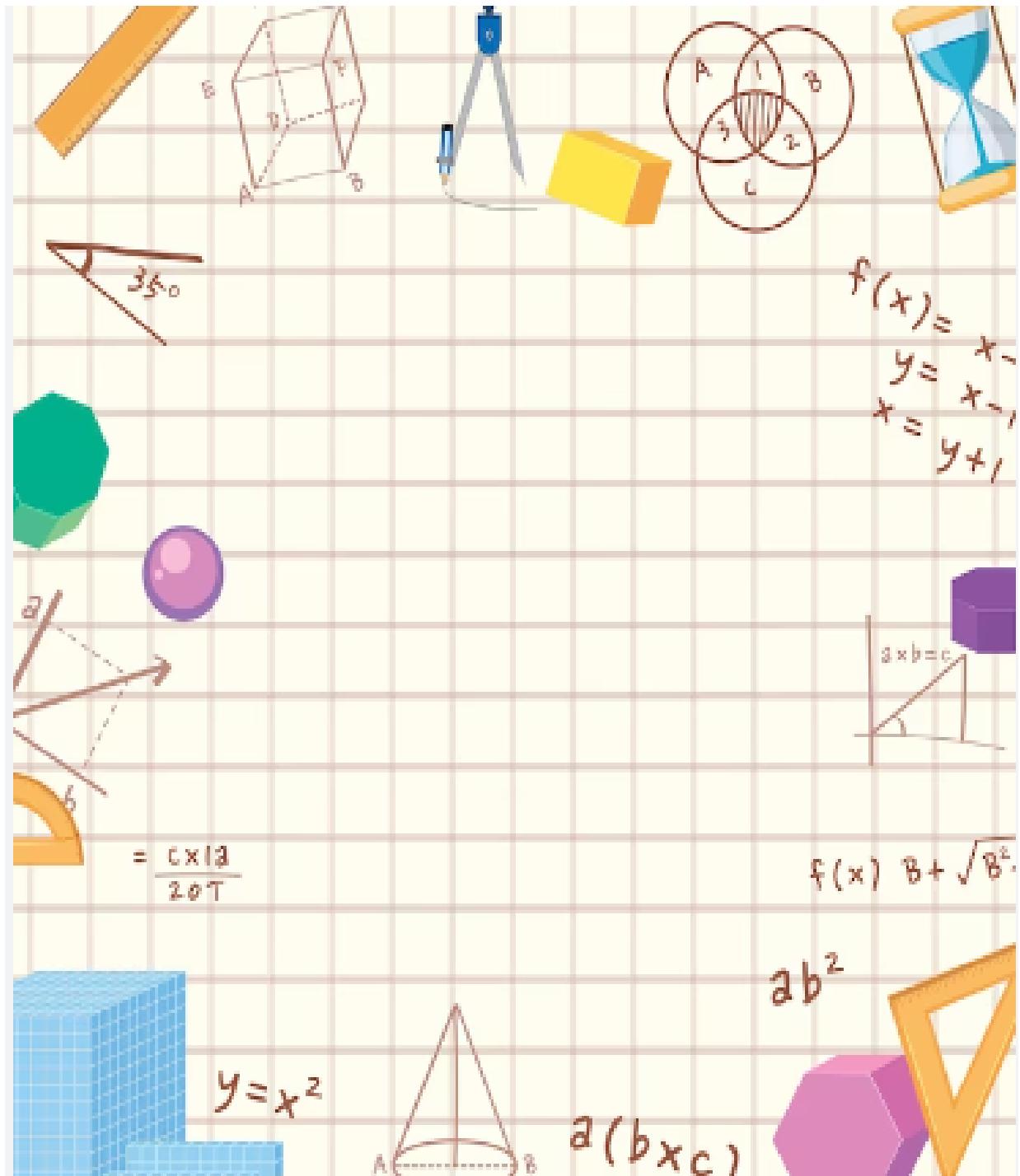
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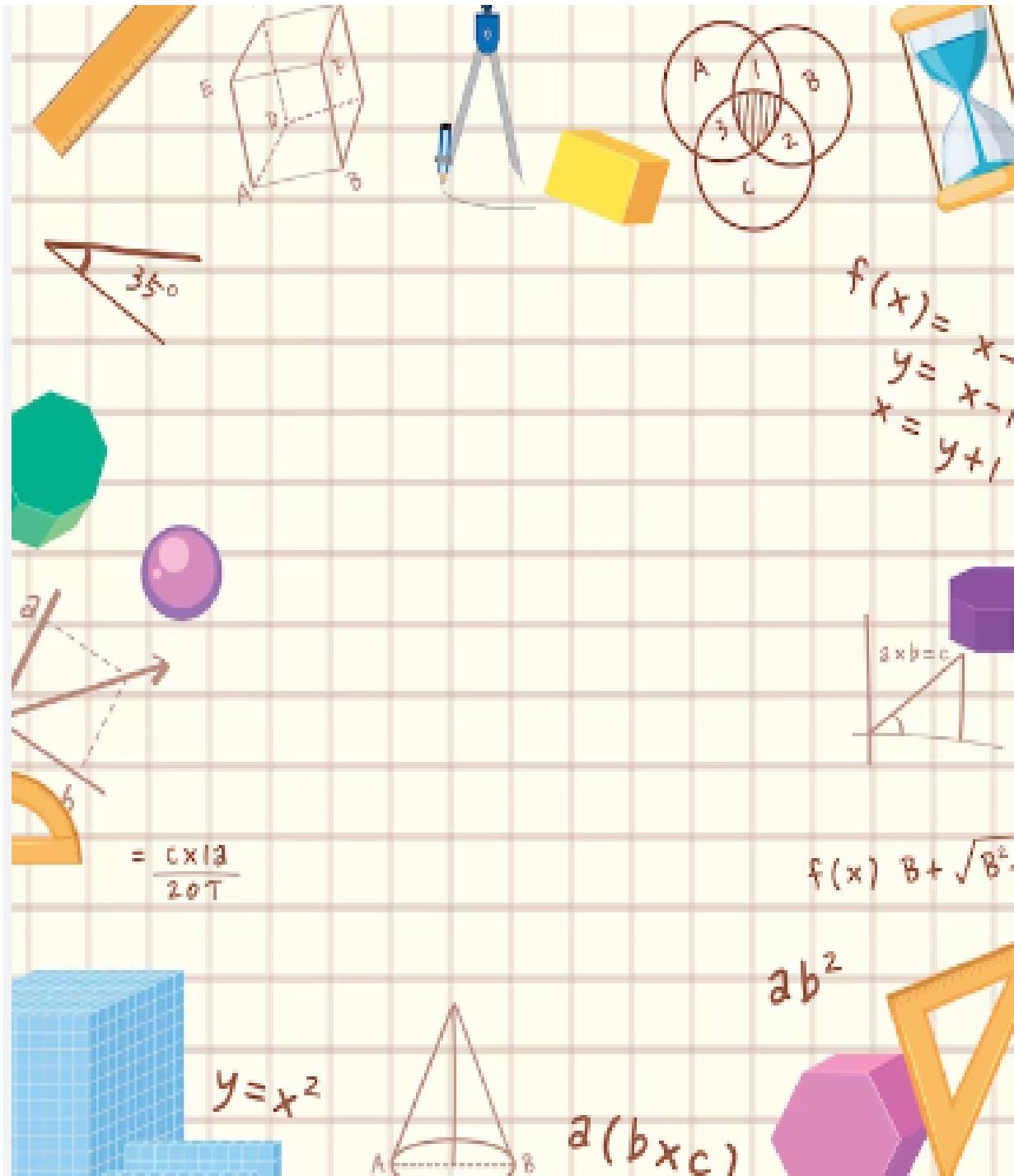
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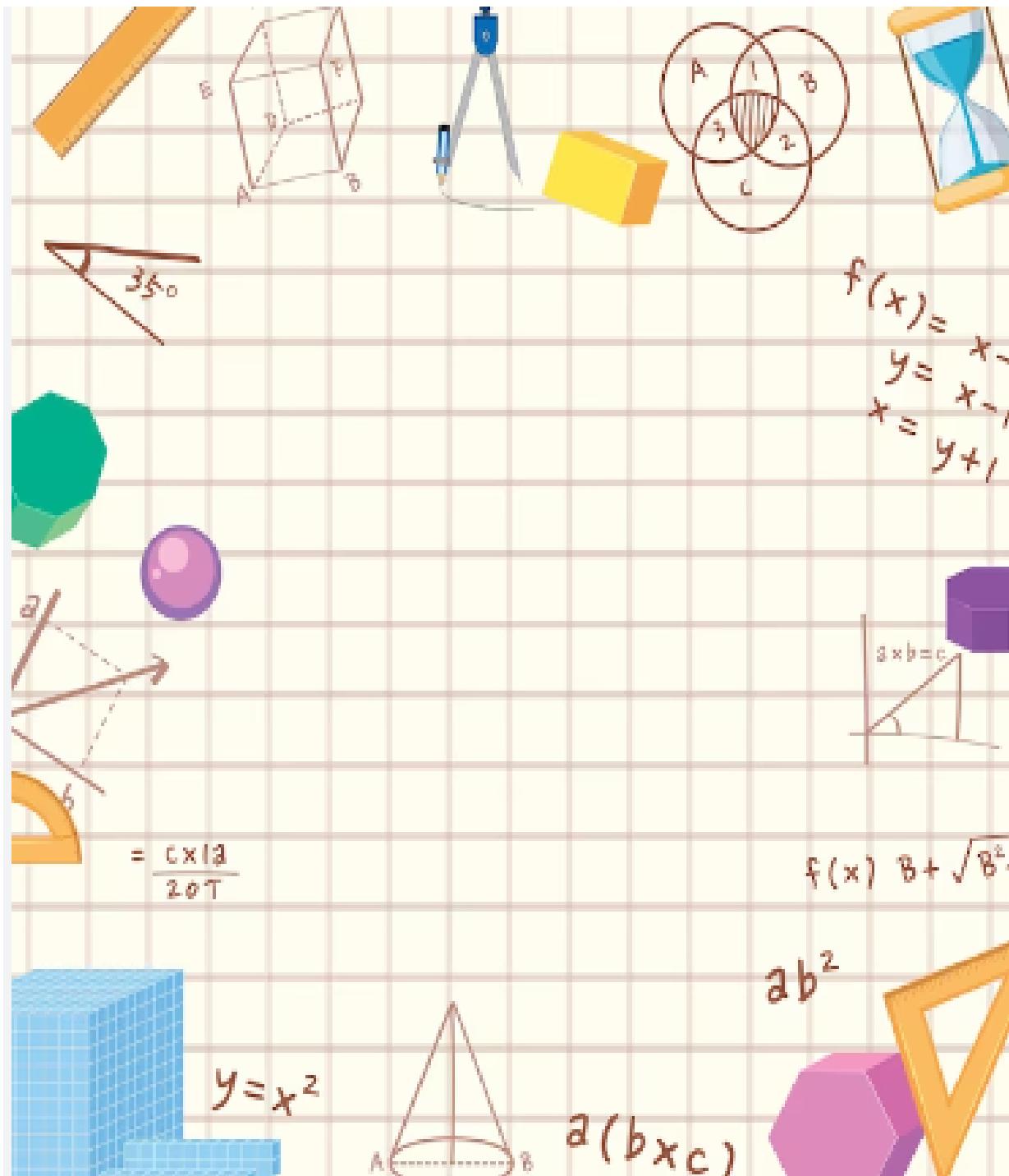
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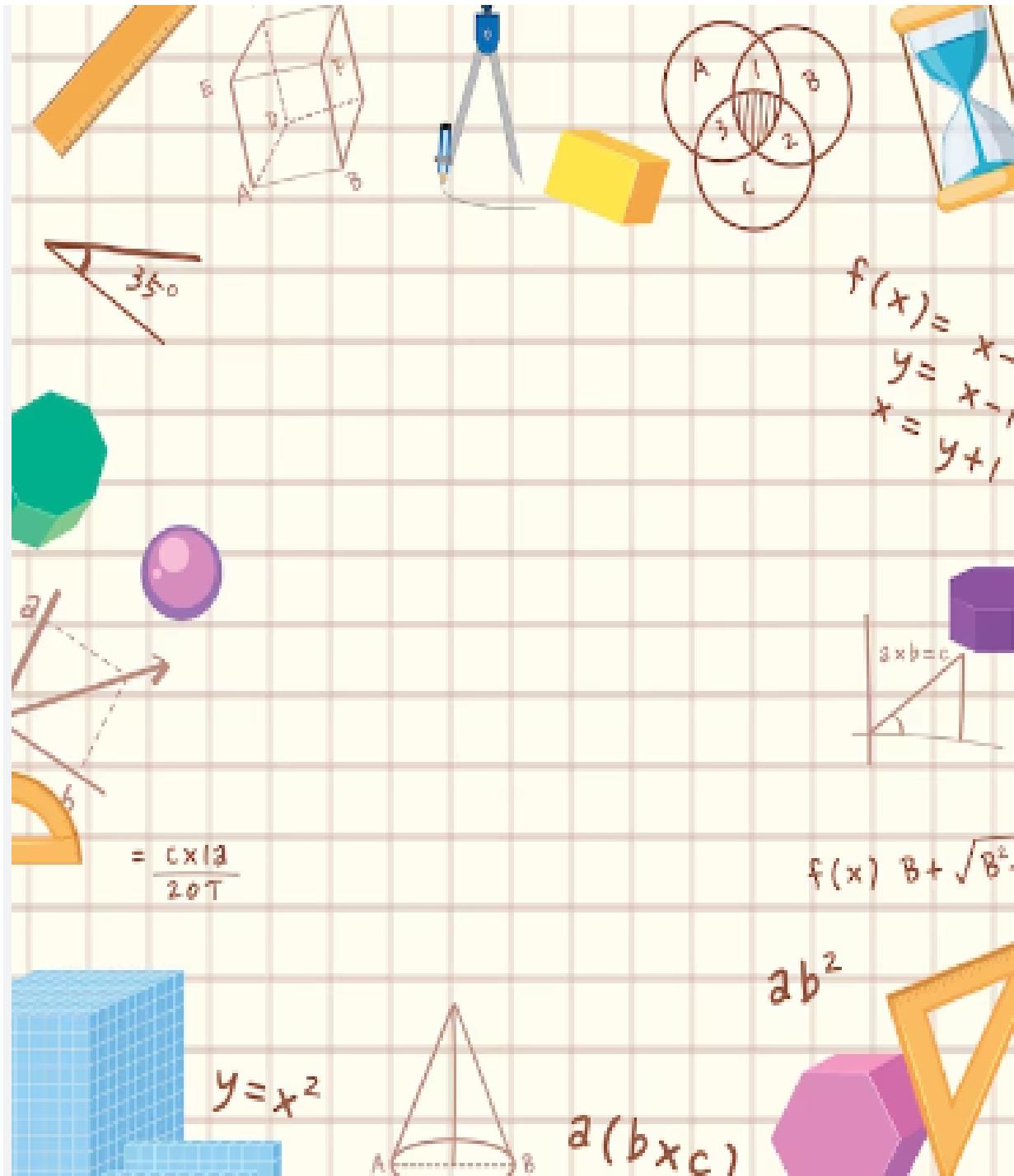
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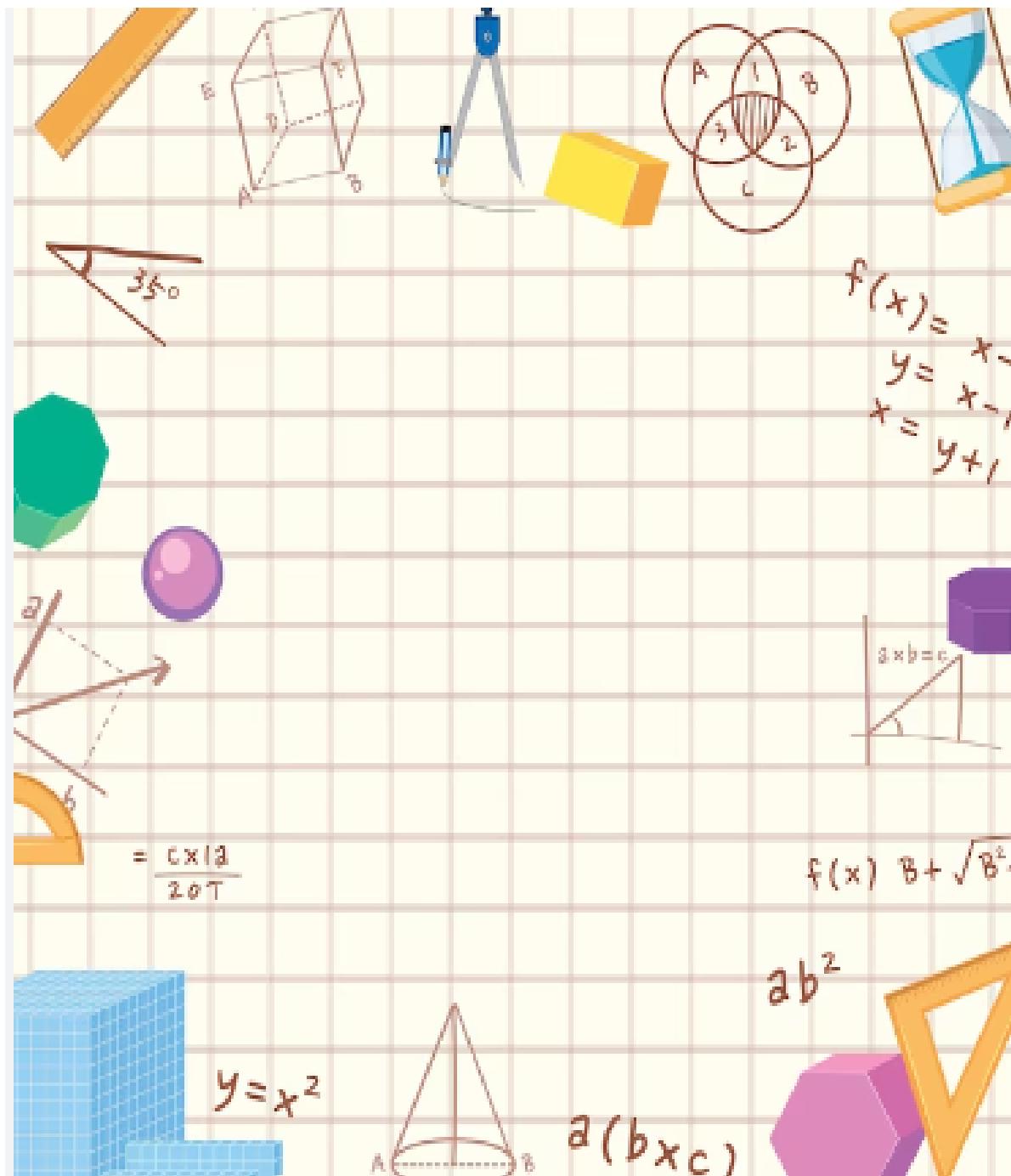
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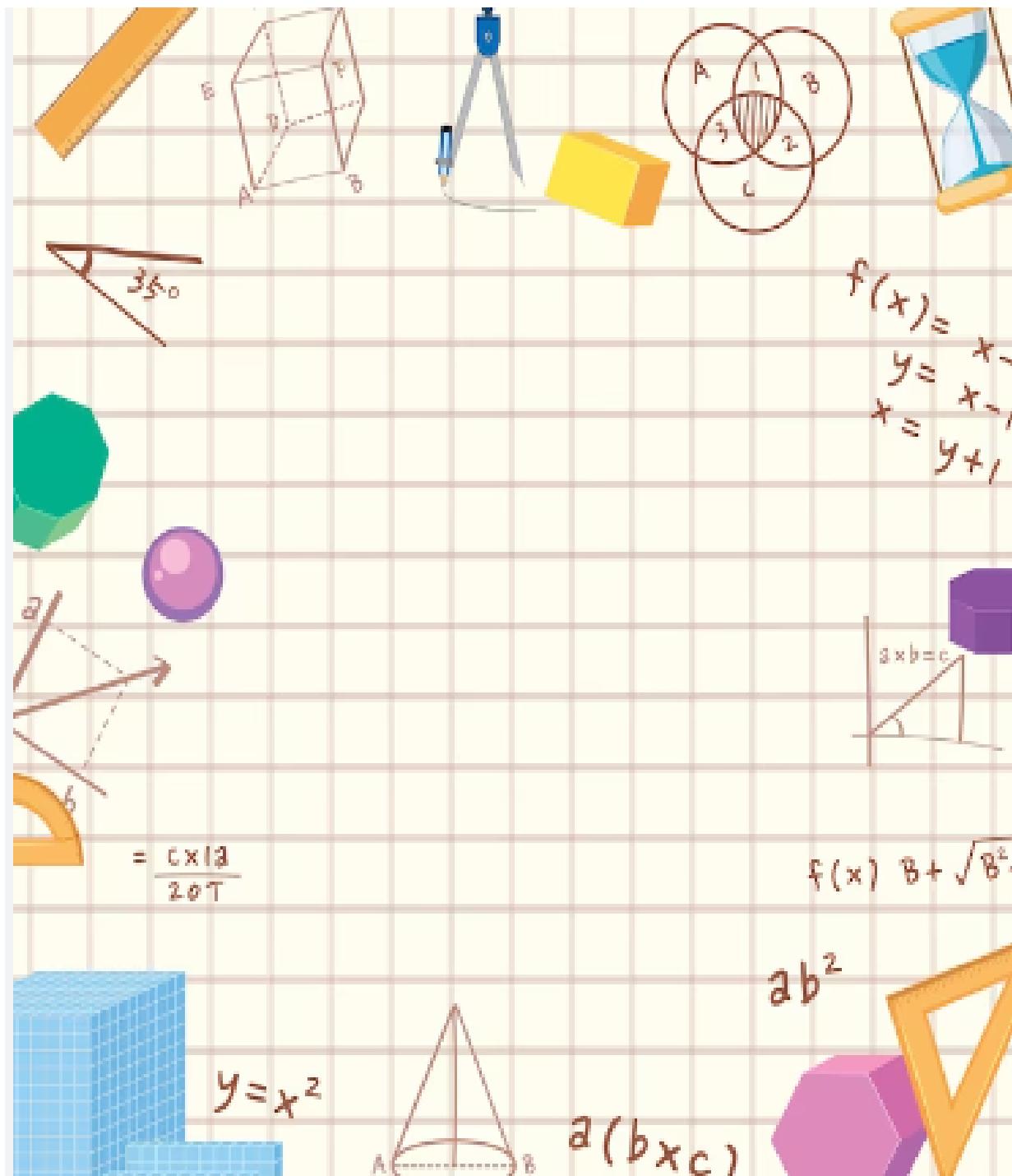
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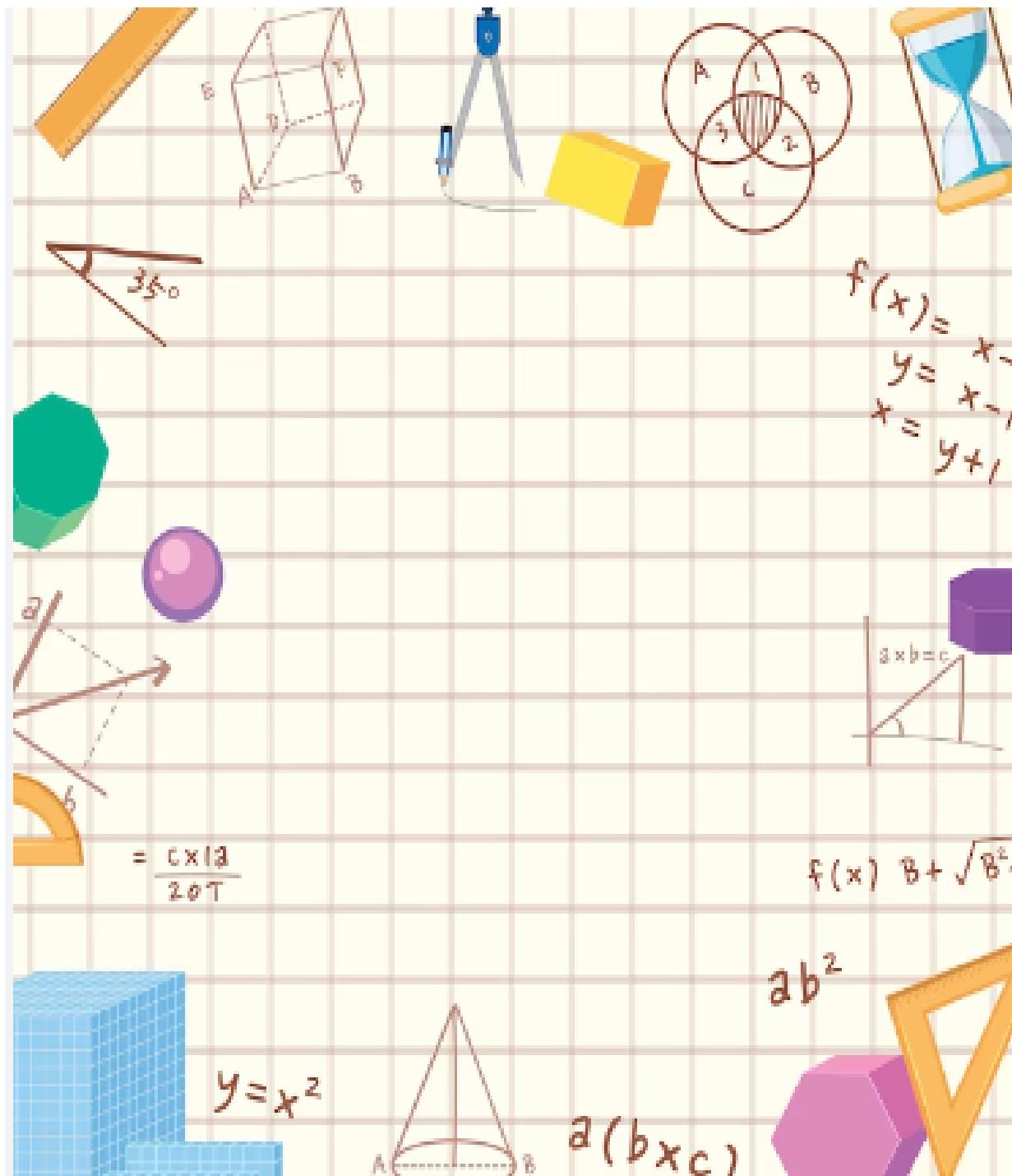
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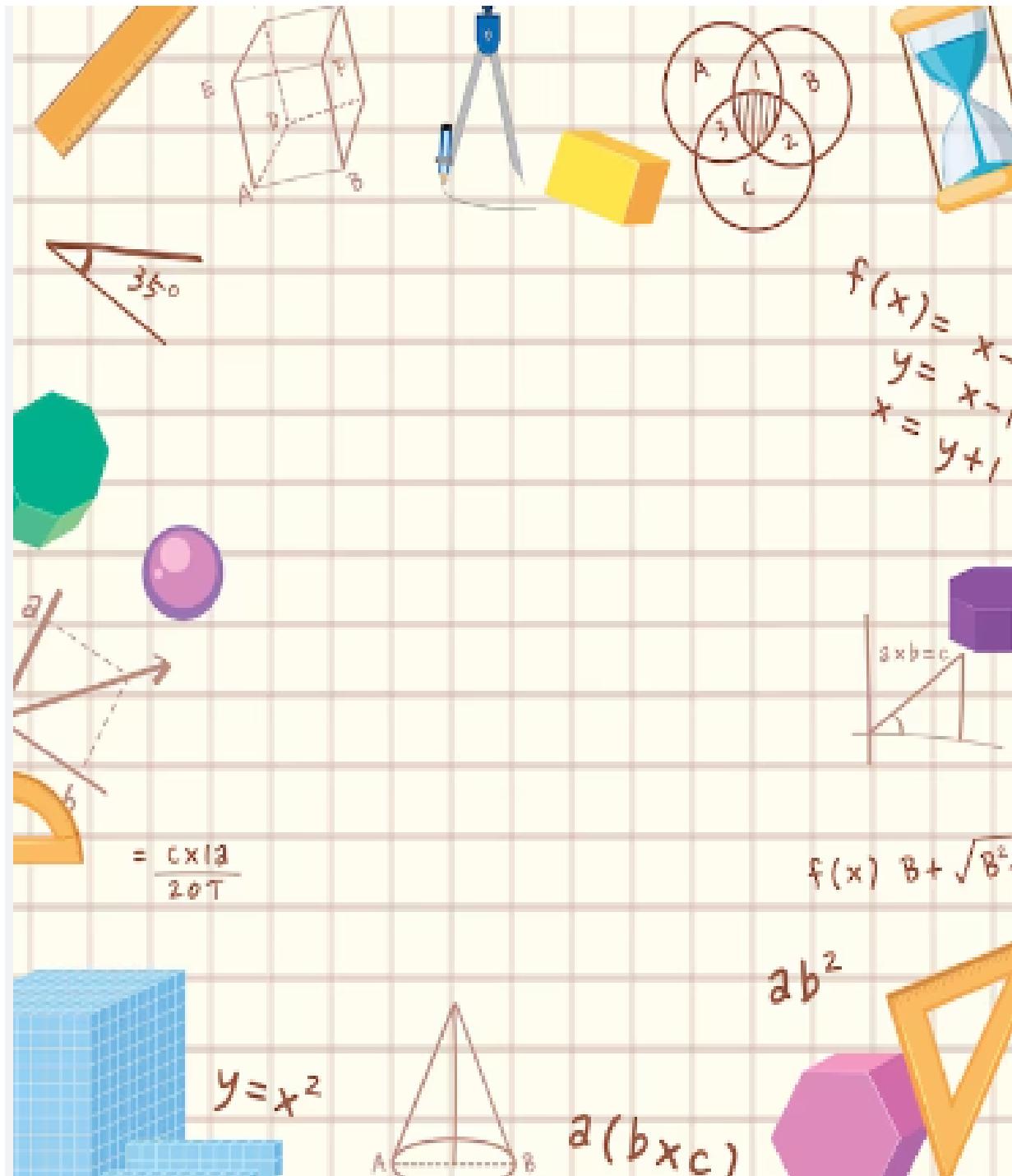
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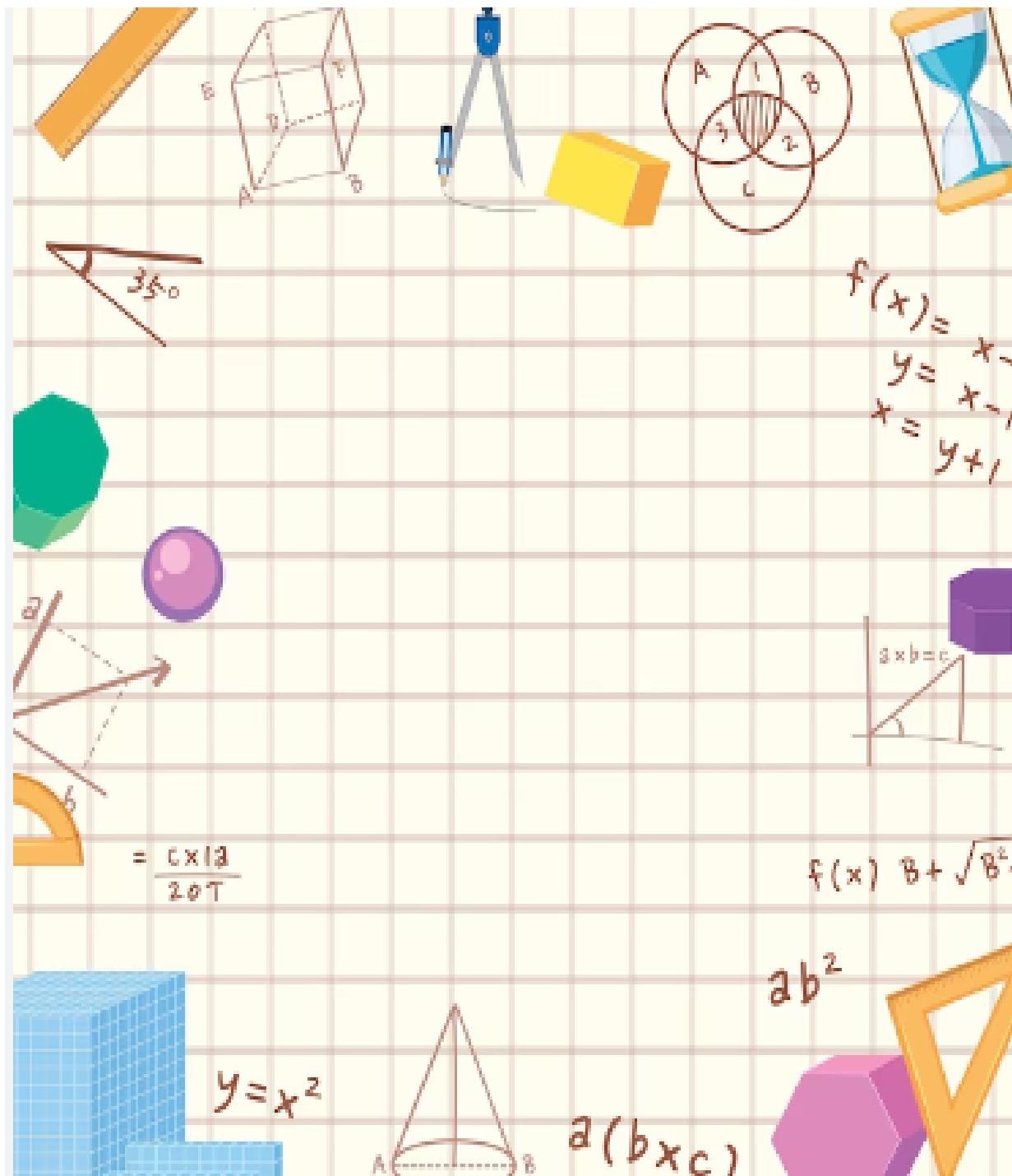
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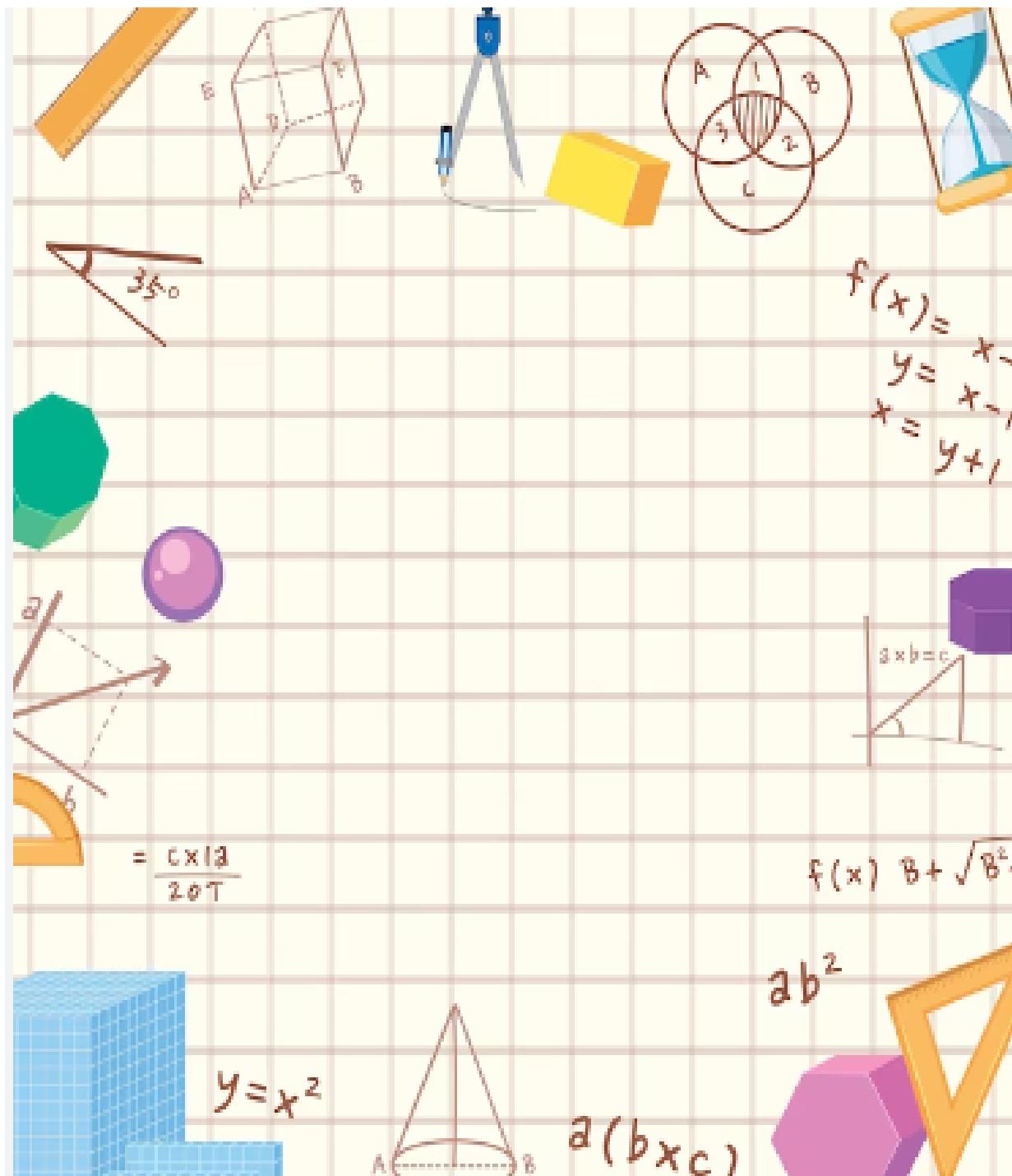
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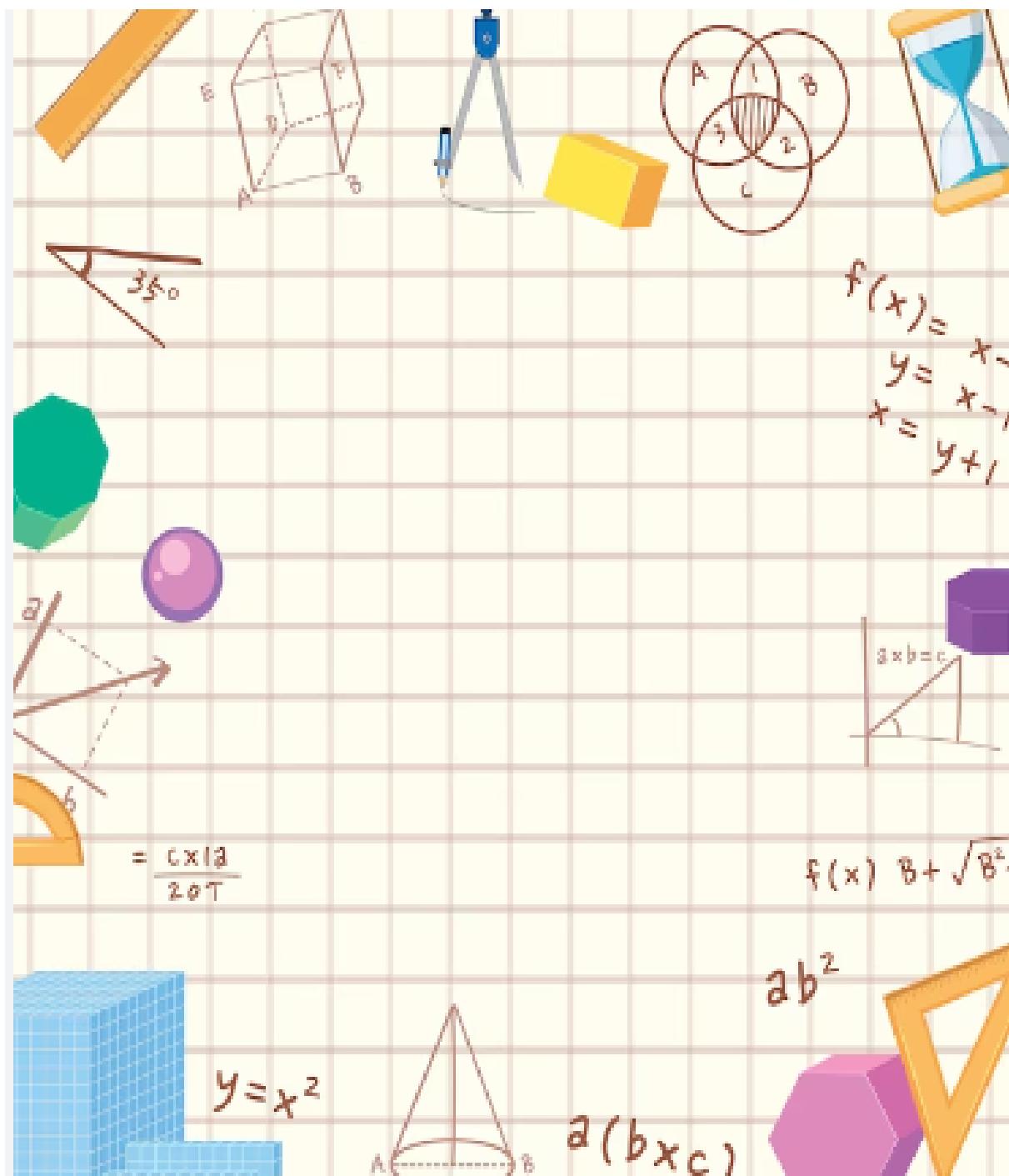
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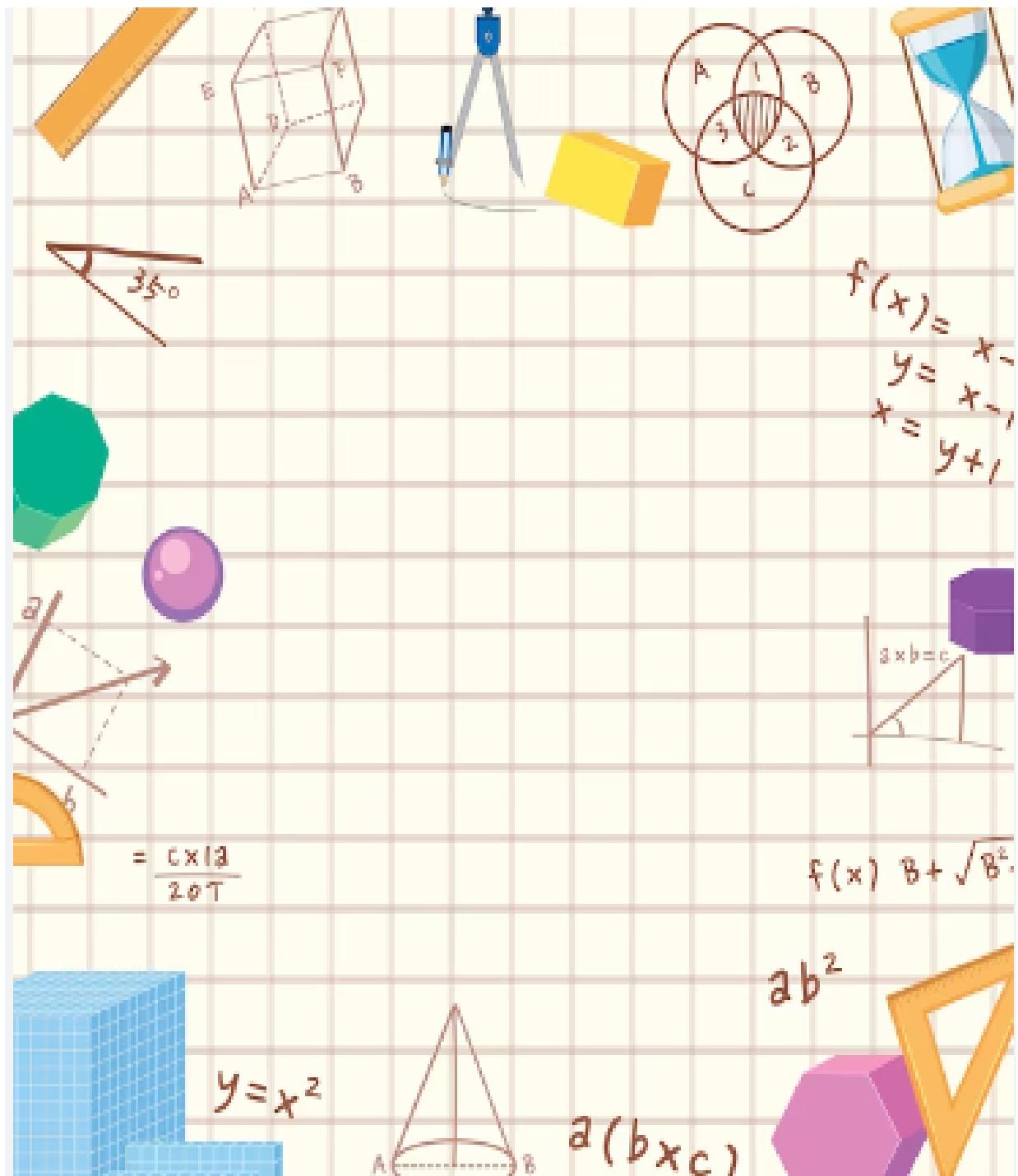
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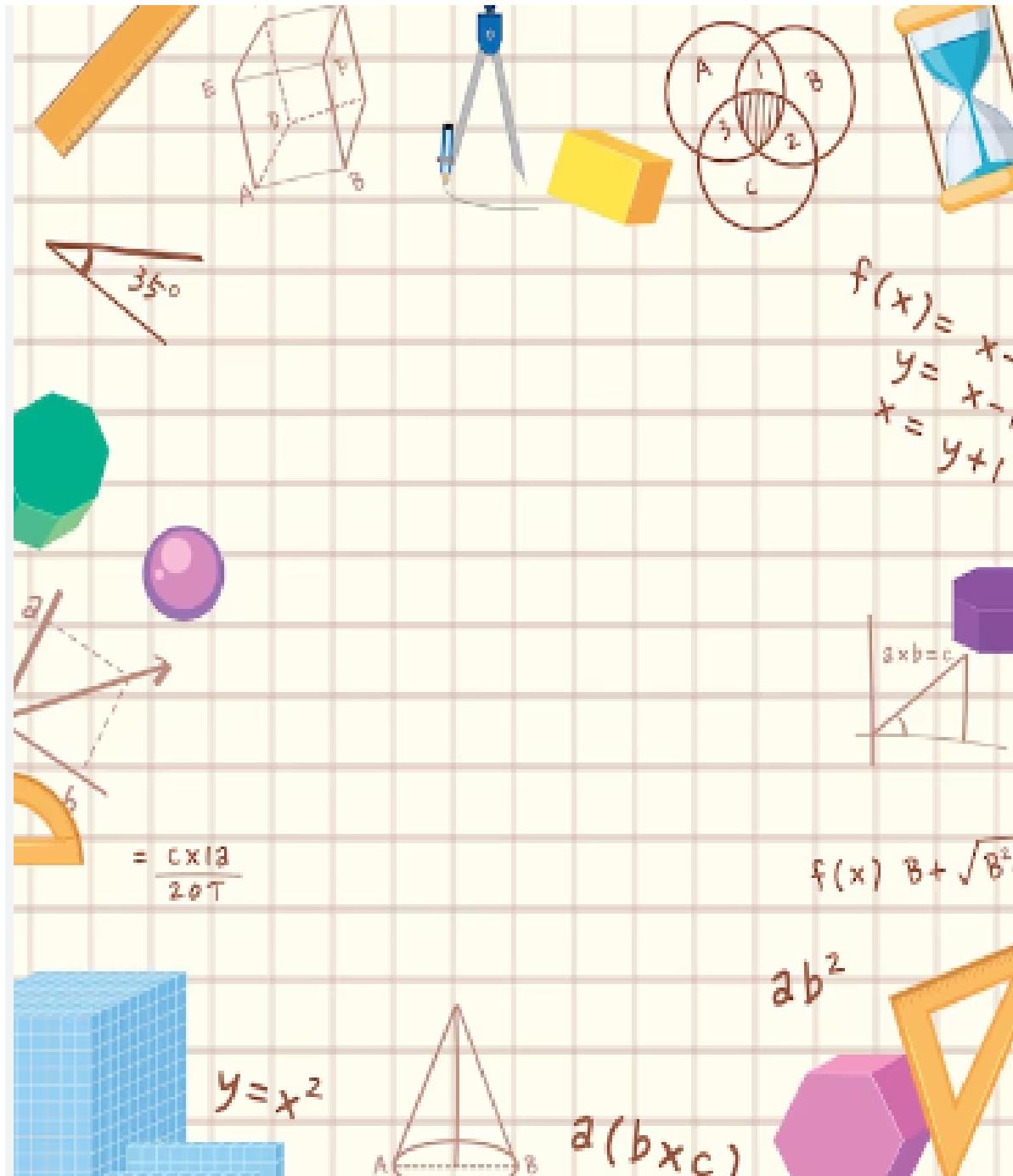
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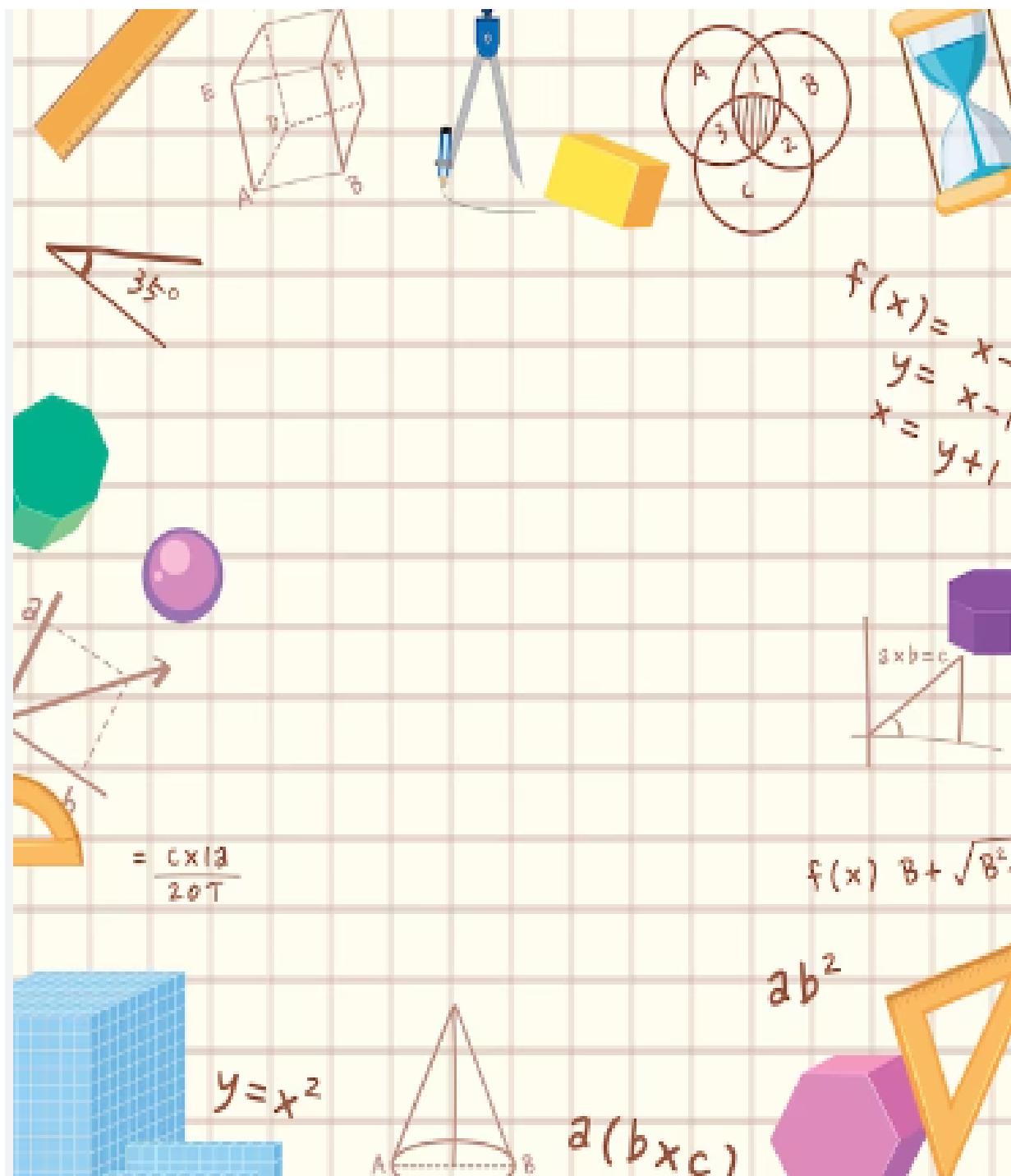
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MATH STANDARDS

Ratios and Proportional Relationships

- **Understand ratio concepts and use ratio reasoning to solve problems.**

The Number System

- **Apply and extend previous understandings of multiplication and division to divide fractions by fractions.**
- **Multiply and divide multi-digit numbers and find common factors and multiples.**
- **Apply and extend previous understandings of numbers to the system of rational numbers.**

Expressions and Equations

- **Apply and extend previous understandings of arithmetic to algebraic expressions.**
- **Reason about and solve one-variable equations and inequalities.**
- **Represent and analyze quantitative relationships between dependent and independent variables.**

Geometry

- **Solve real-world and mathematical problems involving area, surface area, and volume.**

Statistics and Probability

- **Develop understanding of statistical variability.**
- **Summarize and describe distributions.**

Mathematical Practices

Make sense of problems and persevere in solving them.

Reason abstractly and quantitatively.

Construct viable arguments and critique the reasoning of others.

Model with mathematics.

Use appropriate tools strategically.

Attend to precision.

Look for and make use of structure.

Look for and express regularity in repeated reasoning.

Ratios and Proportional Relationships

- Analyze proportional relationships and use them to solve real-world and mathematical problems.

The Number System

- Apply and extend previous understandings of operations with fractions to add, subtract, multiply, and divide rational numbers.

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- Use properties of operations to generate equivalent expressions.
- Solve real-life and mathematical problems using numerical and algebraic expressions and equations.

Geometry

- Draw, construct and describe geometrical figures and describe the relationships between them.
- Solve real-life and mathematical problems involving angle measure, area, surface area, and volume.

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- Use random sampling to draw inferences about a population.
- Draw informal comparative inferences about two populations.
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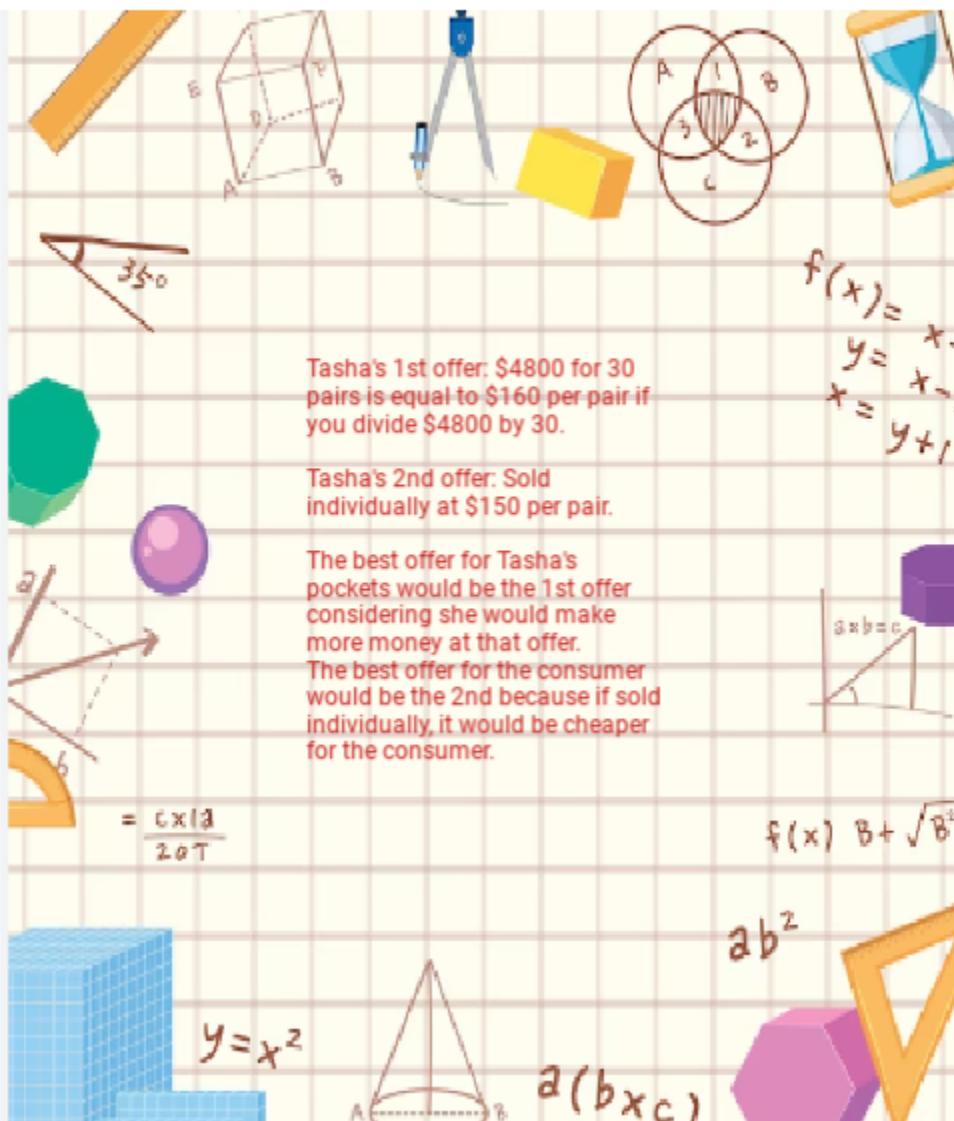
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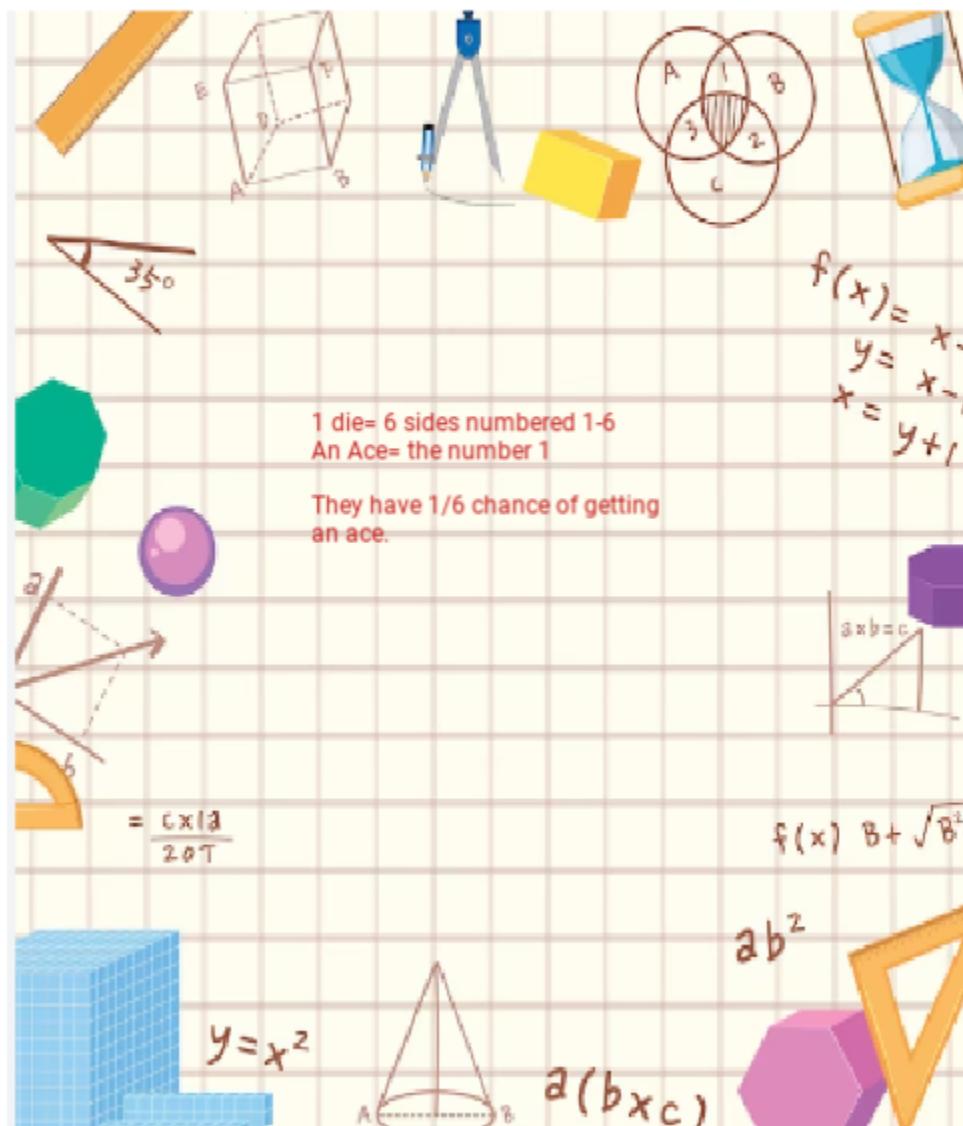
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4. Devin needs 1800 rushing yards to lock in 1st Team All-State Honors. He currently has 1200 rushing yards, with 3 games left in the regular season. How many yards do Devin have to get per game in order to get this Honor?

Devin's goal = 1800 yds

Devin's current yardage = 1200 yds

3 games left in the regular season

$1800 - 1200 = 600$ yds needed

$600 / 3 = 200$ yds per game

$f(x) =$
 $y = x$
 $x = y + 1$

$f(x) = B + \sqrt{B^2 - 4ac}$

$y = x^2$

$a(b \times c)$

5. Ju Ju bagged up 4 separate eighths of an Ounce of Gumbo. If there are approximately 28.3 grams in one ounce, How many grams in all did Ju Ju bag up? Round to the nearest tenth of a gram!

Ju Ju bagged: $1/8; 1/8; 1/8; 1/8$

Approximately 28.3 grams in an ounce

$1/8 = \text{approximately } 3.5 \text{ grams}$

1st way: $3.5 \text{ grams} \times 4 = 14 \text{ gram}$

2nd way: $1/8 \times 4 = 4/8 = 1/2$
 $1/2 \text{ of } 28.3 \text{ is approximately } 14 \text{ grams}$

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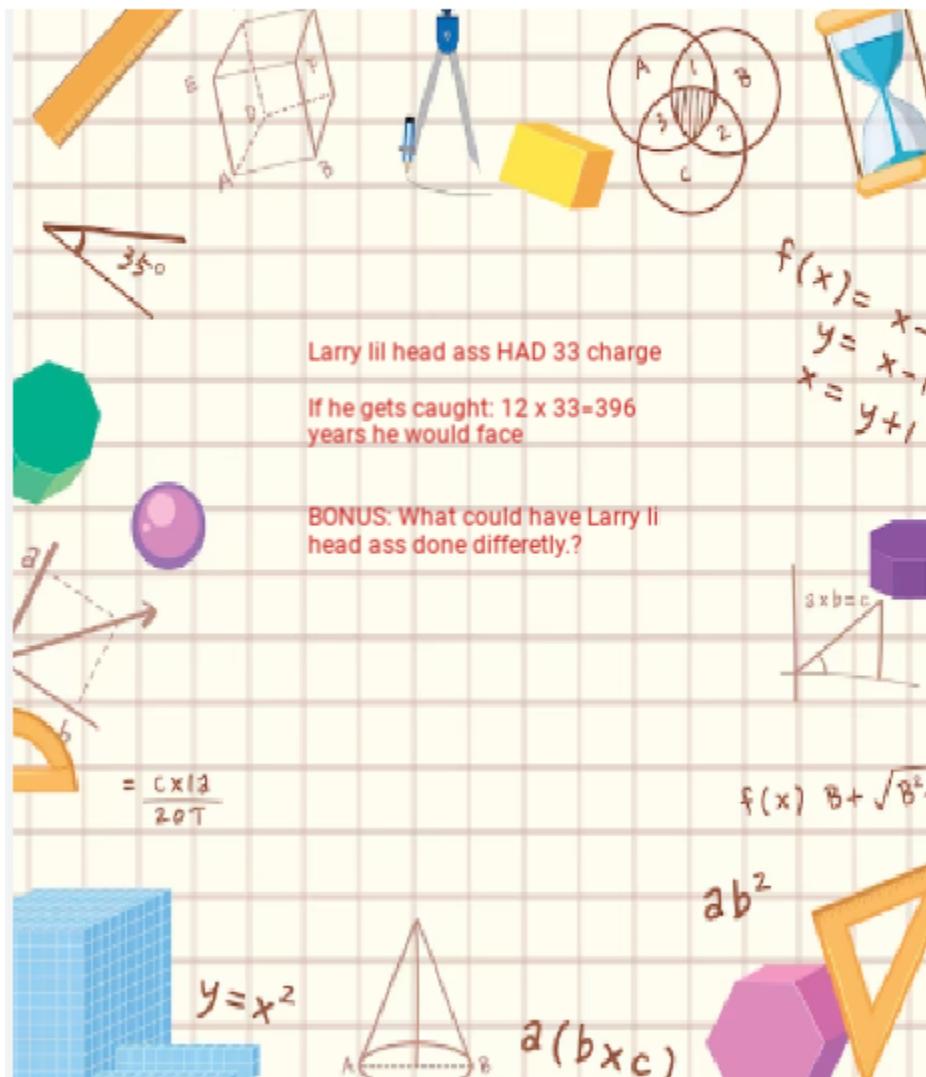
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$f(x) = x$
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 $x = y$

Area of a Circle = $3.14(\text{radius} \times \text{radius})$
Radius = half of the diameter
Half of 7 = 3.5

$3.14(3.5 \times 3.5)$
= $3.14(12.25)$
= 38.465 sq inches

$f(x) = 3 + \sqrt{8^2}$
 ab^2
 $a(b \times c)$

$y = x^2$

8. Somebody spray painted "Yal Some Squares" on 1st floor at the school. Funny shit is....they put a triangle next to the word "squares". What is the difference between a square and a triangle in terms of the sum of their interior angles?

Difference = subtraction

Sum of interior angles in a square = $90 + 90 + 90 + 90 = 360$ degrees

Sum of interior angles in a triangle = 180 degrees

$360 - 180 = 180$ is the difference between the sums of both shapes interior angles.

$f(x) = x$
 $y = x$
 $x = y + 1$

$f(x) = B + \sqrt{B^2}$

$y = x^2$

$a(b x c)$

ab^2

9. Tracy got caught at the airport with 16 lbs of Fett! How many ounces did Tracy get caught with?

16 ounces = 1 pound

Tracy got 16 pounds so:

$16 \times 16 = 256$ ounces she got caught.

$f(x) = x$

$y = x$

$x = y$

$y = y$

$a(bxc) / 2$

$a^2 b^2$

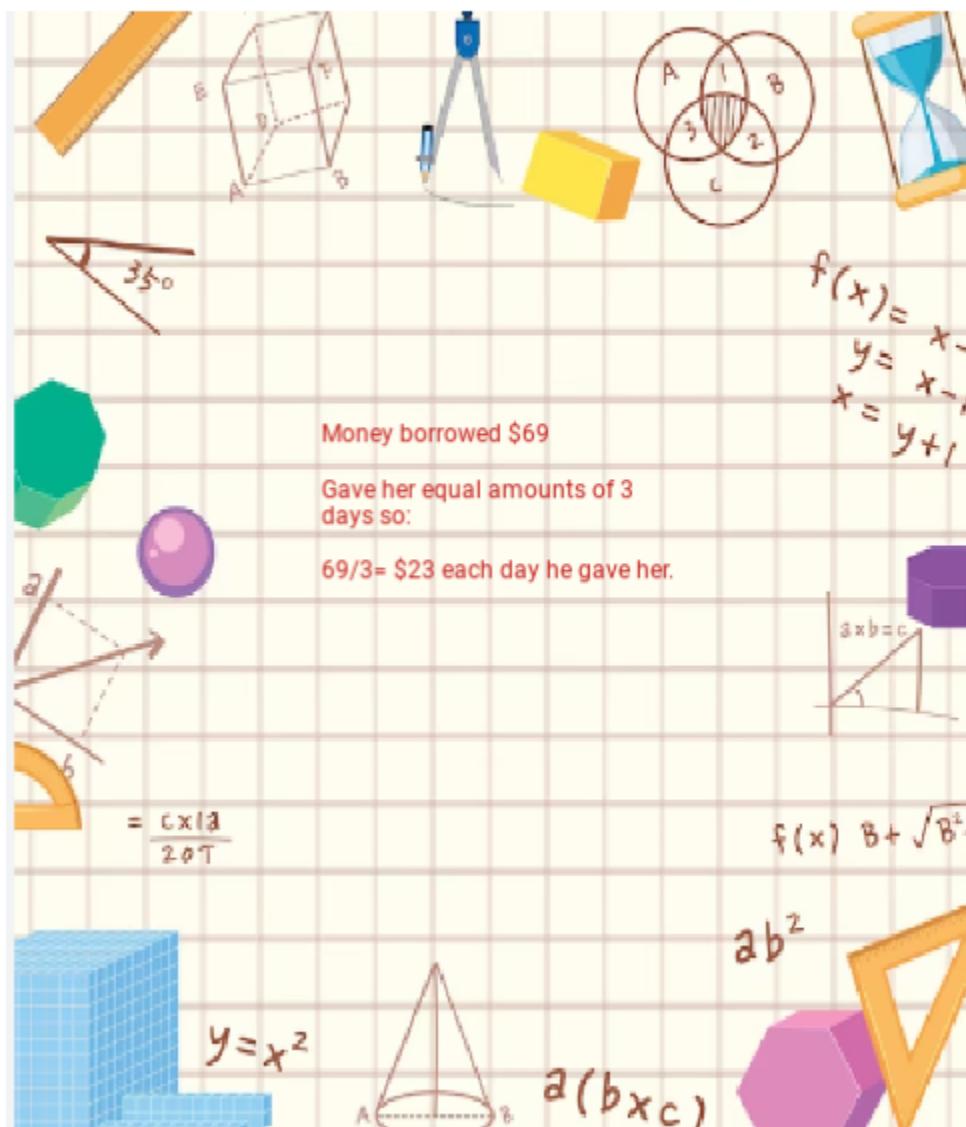
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12. Meisha and Lil Z rode the "22" together to school. Lil Z swore he was a ladies man. Meisha made Lil Z a bet. She told him that his chances of pulling the 4 other girls on the bus is not likely. Lil Z pulled 3 of the 4 girls. Was Meisha right about his chances? How do you know?

Not Likely = less than 50% of 2/4 of the girls on the bus.

Lil Z pulled 3/4 of the girls on the bus

$3/4 = 75\%$ so Meisha was wrong about Lil Z.

$f(x) = x^2$

$f(x) = B + \sqrt{B^2}$

$a(b x c)$

$a = \frac{c \times d}{20\pi}$

13. Tonio rock head ass is a thief. He always going in granny purse and taking her change. This morning, his rock head ass took 3 half dollars and 6 dimes. How much money did Tonio rock head ass take from granny?

Half dollar = 50 cent

Tonio rock head ass took 3 of them so:

$$3 \times .50 = \$1.50$$

Dime = 10 cent

Tonio rock head ass took 6 of these so:

$$6 \times .10 = \$0.60$$

$\$1.50 + .60 = \2.10 his rock head ass took from granny.

$f(x) = x$

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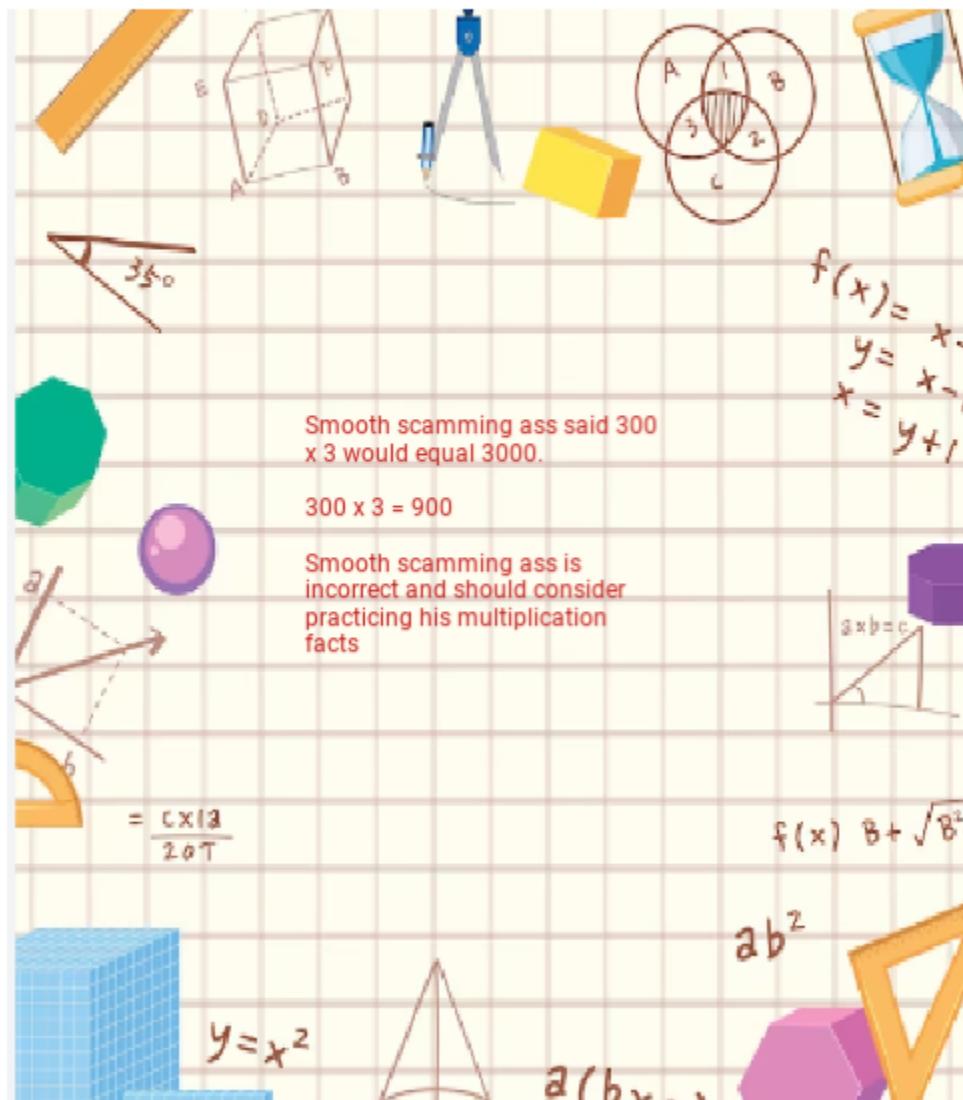
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15. Tesha got John John on child support. The court ordered John John to pay 17% of his monthly income of \$3000. How much does John John pay in child support every month?

John John has to pay 17% of \$3000

$17\% = .17$ as a decimal equivalent

of = multiplication

\$3000 = John John's monthly income.

$.17 \times 3000 = \$510$ John John has to pay in child support each month.

$f(x) = x$

$y = x$

$x = y + 1$

$a \times b = c$

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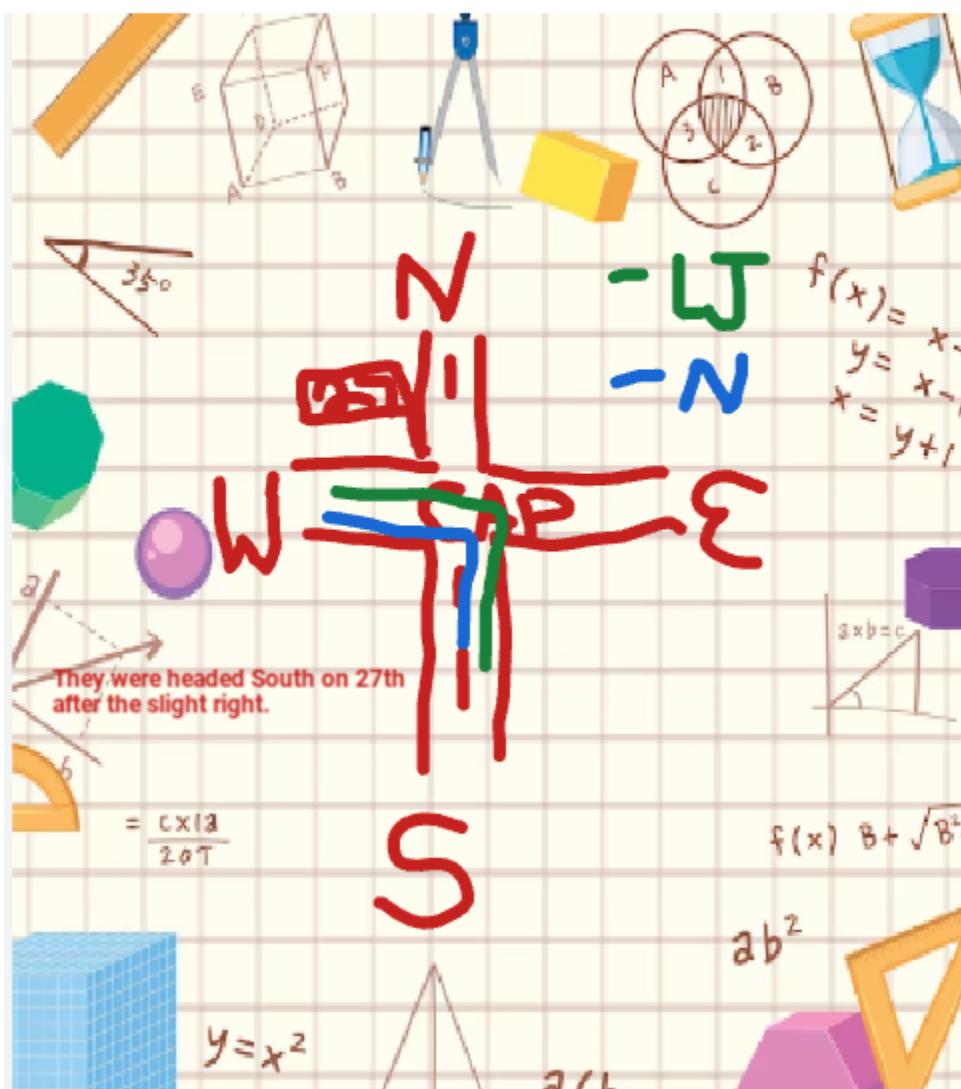
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Tae's ratio of Cups of water to sugar in ounces = 2:1
 Nu Nu's ratio of Cups of water to sugar in ounces = 8:4
 Tae is correct to say that they will have the same tasting cool-aid because 2:1 and 8:4 are equivalent ratios. If we multiply Tae's ratio by 4 it will equal Nu Nu's ratio. Vice Versa using division by 4 of Nu Nu's ratio would equal Tae's.
 $= \frac{c \times d}{2 \times t}$

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19. How many dollars did Ms. Davis from question "18" spend on her class?

$f(x) = x$
 $y = x$
 $x = y$

6 students of the 24 didn't get \$9
so: $24 - 6 = 18$ students got \$9.

$18 \times 9 = \$162$ Ms. Davis spent on her class.

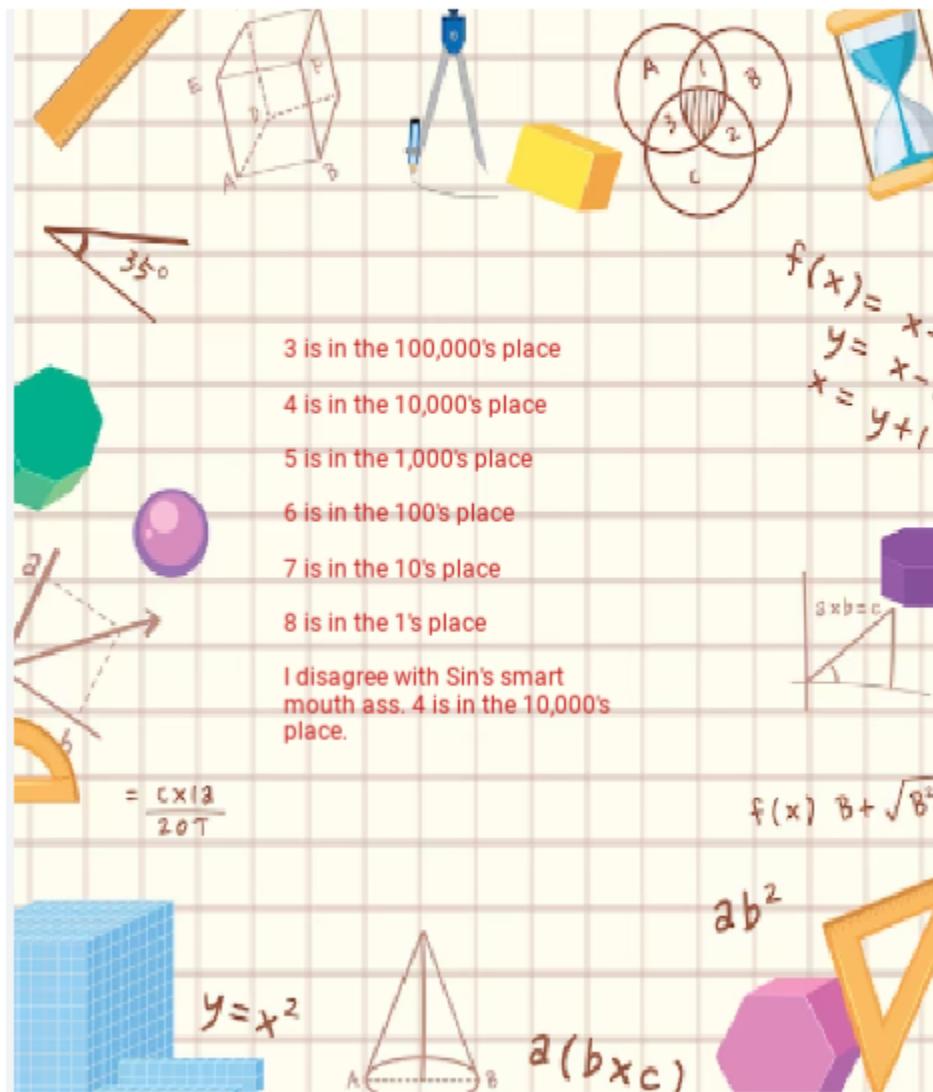
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Locust runs East and West.

Going East- the street numbers will decrease.

Going West- the street numbers will increase.

If Lil J lived 17 blocks East:
 $24 - 17 = 7$ th street

If Lil J lived 17 blocks West:
 $24 + 17 = 41$ st street.

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 $y = x + 1$

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Peace and Love

This workbook was created to provide supplemental educational strategies to help adolescents and adults understand mathematical skills in a comedic-yet intellectual manner. The purpose is to give students, parents and educators an extra resource to aid our youth in the realization that math is everywhere and there is no avoiding its nature. Although the language may or may not be appropriate for certain students depending on their parental programming-the goal is to show how vocabulary barriers are the gateway to and through one's comprehension, in any subject area. With that being said, the person who may be using this workbook may need to also use some discretion in different settings to avoid organizational consequences.