

MATH STRATEGIES 3

42.1. Vocabulary

Ex. 1. Match the words with their Russian equivalents.

1. sand	a. объединять
2. side	b. форма
3. combine	c. паста
4. sugar	d. глина
5. triangle	e. прямоугольник
6. pasta	f. треугольник
7. pour	g. налить
8. form	h. клей
9. cut out	i. рисовать
10. clay	j. сторона
11. corner	k. песок
12. build	l. строить

Ex. 2. Complete the sentences with the given words.

corner, form, sugar, glue, triangle (2), sand, draw, clay, Pour, cut out, build, rectangle, side, combine, pasta

I need to _____ (1) a strong foundation in math strategies to succeed.

Use _____ (2) to demonstrate geometric shapes in math class.

It's important to _____ (3) different strategies for solving math problems.

The answer is found in the top right _____ (4) of the page.

Let's _____ (5) shapes and visualize math concepts.

Can you _____ (6) a graph to represent the data?

Understanding how to _____ (7) equations is crucial for math success.

Make sure to _____ (8) the pieces together securely for your math project.

Count the _____ (9) pieces to practice basic math skills.

_____ (10) the liquid carefully to measure accurately in math experiments.

Start by drawing a _____ (11) when working on area calculations.

Do you know how to _____ (12) down the edges of a shape for accuracy?

Label each _____ (13) of the _____ (14) with the corresponding lengths.

What happens when you add _____ (15) to the equation in a math problem?

Let's calculate the angles in a _____ (16) using math formulas.

42.2. Reading

Ex. 1. Read the text.

When teaching kids math strategies, it's essential to build a strong foundation. One fun way to start is by using clay. Children can form different shapes, like a triangle or a rectangle, to understand geometry. You can also combine learning with creativity by making shapes with different materials.

For instance, take some pasta and glue. Ask the kids to cut out shapes from paper and then glue the pasta around the edges. This hands-on activity helps them understand the concepts of sides and corners. Draw a sidewalk with chalk outside and draw shapes for an outdoor math activity.

Another method is to use a kitchen ingredient like sugar. Pour sugar into a tray and let the kids draw numbers and shapes in it. This sensory experience makes math enjoyable and memorable. You can even use sand for this activity if you prefer a non-edible material. It's fun to pour sand into molds to create different shapes.

For learning fractions, use food like a rectangle piece of cake or a triangle slice of pie. Cut them into halves or quarters to illustrate fractions. Combining math with real-life examples helps kids understand abstract concepts better.

Using everyday objects like blocks or even pasta can help kids see math everywhere. Encouraging them to build structures helps them learn counting and balancing. Teaching math doesn't always have to involve a textbook; creativity can make learning more engaging and fun.

Ex. 2. Answer the questions.

1. How can clay be used to teach kids math strategies?
2. What hands-on activity involving pasta and glue helps children understand sides and corners?
3. How can a sidewalk and chalk be utilized for an outdoor math activity?
4. What kitchen ingredient can be used to help kids draw numbers and shapes for a sensory math experience?
5. How can food items like cake or pie be used to teach fractions?
6. In what way can sand be incorporated into a math activity involving shapes?
7. Why is it beneficial to use everyday objects like blocks or pasta when teaching kids math?