

METHODS OF USING MATH CASES (PROBLEM SITUATION) IN PRIMARY EDUCATION

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Annotation: The article is about Keys and provides information on how to use Mathematical Cases in Elementary Education.

Key words: keys style, social and business situations, situation, mathematical knowledge, case solving, mathematical cases, and geometric shapes.

Introduction

As far as we know, the place where Case Case study was developed is Harvard University in the USA. The first case was used in 1870 at the Howard University School of Law. This style was introduced at Harvard Business School in the 1920s.

What is the case method (case study, situational analysis) - is a methodology for the development of students' specific skills using descriptions of real economic, social and business situations. Students should analyze the situation, understand the nature of the problem, suggest possible solutions and choose the best. Cases are based on real materials. Cases of math subjects that must be completed with the help of independent parents in the learning process or at home.

Situation 1.

The captain placed 16 guards, 5 on each side of the castle wall. A major came and ordered the guards to be placed on the sides of the wall for 6 seconds.

Rate the situation.

1. What does the captain do in this situation?
2. What is the shape of the castle wall?
3. How did the captain place the guards around the castle wall in groups of 5 people?
4. How does the captain place security around the castle, as the mayor said?

Solution to the problem:

1. The captain places 6 guards, as the major said.
2. The castle wall is rectangular

Situation 2.

A math textbook for elementary school solves such issues.

The price of an apple is 190 soums, and the cost of 2 kg of tomatoes - 200 soums, or notebooks - 90 soums, but this value does not correspond to the current price. It costs 6,000 soums or a notebook of 500 soums.

Rate the situation.

Assessment of the situation:

1. What is the purpose of the author in compiling this question?
2. Who are the authors of textbooks on similar issues?
3. Why have the questions of money or prices in the textbook changed
is it worth it.

Solution to the problem:

1. To make it easier for children to perform arithmetic operations, such as addition or subtraction, multiplication or division, in accordance with the topics of primary school students.

2. N. Bikbayeva, E. Yangabaeva, M. Djumaev

3. Prices are conditionally accepted in the exercises on money circulation in the textbook.

Situation 3.

In the textbook of the 2nd grade there is a theme “The face of figures”. As you know, the surface is one of the basic concepts in mathematics. Providing students with mathematical knowledge of the surface is an important process. In this process, formulas are not used to describe the surface, with the exception of some forms. Evaluate why this is so.

Rate the situation:

1. Why in elementary school the concept of surface is explained without a formula?
2. Which persons are explained by certain formulas?
3. How can a surface be explained without a formula?
4. Is it possible to measure the edge of the curves with these methods?

Solution to the problem:

1. Knowledge of the surface and its surface is taught in elementary school. From this the goal is to easily master the complex concepts that will be given in the next

Soil preparation consists in the formation of elementary ideas.

2. No formulas are used to explain the surface in elementary school.

Because the calculation of the surface of some figures, for example, is associated with height, diagonal, angles. These concepts are taught in elementary school. Information is taught without complications. It is advisable to use simple methods without formulas to teach complex concepts.

3. Education provided for in primary education. Finding the area of a rectangle or square of geometric shapes is explained by the multiplication of height and width.

4. Counting notebook cells (in elementary school) and explaining the measurement using a palette are widely used to explain the surface.

5. You can also measure face curves using laptop cells. The palette is also mainly used to measure the surface of such shapes. To do this, the form can be placed in a notebook or in a partial form. The number of full cells is counted. The number of incomplete cells is also calculated and divided by 2. The resulting number is added to the total number of cells, and this value represents the face of the form.

In conclusion, we can say that the use of pedagogical and mathematical cases in mathematics is the correct regulation of students, the correct use of time, free thinking among children in and outside the classroom, the creation of a system of creative research in mathematics. consists of a number of tasks, such as the pursuit of deeper knowledge of science.

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