



MULTIPLY BY TEN (Grade 3 math lesson)

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Address of the President of the Republic of Uzbekistan to the Parliament on January 24, 2020, this year, special attention was paid to the development of mathematics.

Course Objectives

- **Educational** - to motivate students in mathematics, to give them insights on the topic, to improve their knowledge and skills - to receive basic information and materials, to learn about general mathematical literacy, to know about science and technology. formation of elements of competence.
- **Educational (moral formation)** - persuasion, behavior control, active independent work, the right allocation of time for independent work, a sense of responsibility and a sense of diligence.
- **Developing** - the ability to use textbooks, creative examples, analysis, suggestions, theoretical, logical

and analytical thinking, creative approach to the use of information and communication technologies in the native language, in one of the foreign languages.

Lesson Type: A course that will help students develop new skills and knowledge.

Methods: lecture, independent work, educational game, practice.

Lesson equipment: 3rd grade math textbook, test, thematic drawings, handouts, multimedia applications, use of ICT.

Figure: Group Work

The course process and technology

The lesson stage	The content of the work to be done	Method	Time
Stage 1 The organizational part	Greet students. It will be heard on duty. The attendance will be determined.		2 min
Stage 2 Solutions	Examples of the topic will be solved, and errors will be displayed on a blackboard.	Questions and answers	10 min
Stage 3. Reflection, (need definition)	There is a debate about the passage of tens.	Discussion	3min
Step 4 New Topic Description	The topic is explained by solving examples 788-789-790 in the textbook.	Questions and answers	10 min
Step 5. Strengthening a new theme	Students complete tasks 788- 791 and improve their knowledge.	Independent work. Questions and answers	15 min
Step 6. Rating	Students who take an active part in the course are evaluated.		3 min
Stage 7. Homework assignment.	Examples and issues 792-793 are given homework, with appropriate instructions.		2 min



Students have a math slogan:

“Mathematics is king in sciences,
Be aware of her secrets!!!”

2. Strengthening the topic.

Teacher: - Today's lesson is a journey to fairy-tale world where we will help Oppogoy return to the palace and conquer evil with good. So, listen to the fairy tale:

One day, Oppogoy's evil stepmother ordered her to go into the forest. Officers confused Oppogoy into the forest. Realizing that he had lost his way in the forest, Oppogoy began looking for ways to return to the palace. Although Oppogoy did not know that her stepmother was a bad mother. A teacher shows a picture of a stepmother from a fairy tale.



- Let's help our dear readers return to Oppogoe. To do this, we use the "Skillful Accountant" method to work in three groups and help Oppogoi return to the palace.

Students will solve the examples given in 3 papers:

Group -1

$$157 + 2 * 234 =$$
$$554 - 3 * 121 =$$

Group -2

$$4 * 212 + 134 =$$
$$2 * 321 - 538 =$$

Group -3

$$3 * 231 + 2 * 124 =$$
$$7 * 111 - 4 - 121 =$$

Students present examples to the teacher. The teacher continues the fairy tale:

- A huge bear was coming out of the road while Oppogoy was out. He looked at Oppogoy:

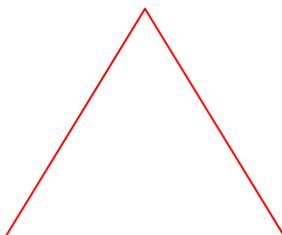
"Hey, Oppogoy, if you take the example I gave you, I'll miss you."

Teacher: - Come on, guys, let's help Oppogoy and get rid of the wild bear.

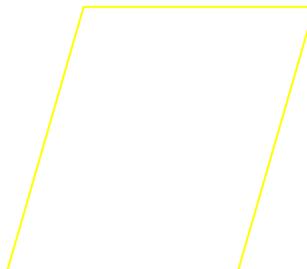
Example 784

Find the sides and perimeters of the sides of the polygon in millimeters:

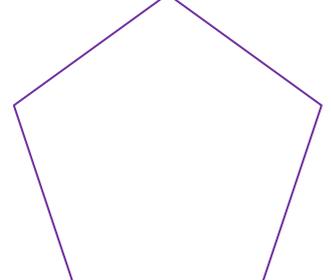
Group -1



Group -2



Group -3





Students take the example. Teacher: - The boy got out of the giant bear's claw. Walking, walking, and walking, and finally a house was seen. When he looked up and looked out of the window, he saw seven dwarfs sitting there. Oppogoi knocked on the door and asked him to stay overnight. Oppogoyo has a few small ones:

"If you answer our questions, we will let you in."

Q1: What is the number of times if any number is multiplied together?

Q2: What is the number if any number is joined together?

Q3: What is the number if any number is multiplied by 0?

Q4: What is the number, if any number is a single integer?

Q5: What is the number, if zero is any number?

Teacher: - Guys, let's ask Oppogoy's questions, "Who is smart?" find the answer.

The groups have answered the questions.



The teacher continued the fairy-tale: - Oppogoe came home and stayed overnight and explained the situation to the little ones. The next day, Oppogoy and the little men set out for the palace. Oppogoi's stepmother found out that he was alive and sent the evil Yalmog to kill her. With such love and

respect, Yalmog did not want to harm Oppogoy and said to him:

"He said, 'If you fulfill my three precepts I'll let you go to the palace.' Oppogoy agreed.

3. The new theme statement.

Teacher: - Let's help you guys, Oppogoy. We learn a new theme on screen.

Example 788.

Explain the solution.

$328 * 3 = ?$

One hundred	tenner	Unity
3	2	8
9	8	4



$$\begin{array}{r} \times 328 \\ 3 \\ \hline 984 \end{array}$$

Multiply 8 by 3 and the result number 4 of 24 will be written under the unit. Two decimal places are stored, multiplied by 2 by 3, and add two decimal places in the language. The result is written down to 8 points. Multiply it by 3 and count to 9. So the answer is 984!

"You give me an example to make the numbers move by themselves," he said. Oppogo is recovering. Guys, can we help Oppogoe?

The children said, "Yes! Of course!" - they say unanimously. So let's learn how to solve this example on screen.

The teacher continued: - Oppogo has passed the first condition of the palm. Now he has given condition 2 and said:

296*3=?

One hundred	tenner	Unity
2	9	6
		3
8	8	8

At the bottom of the screen, the following notes appear in blue:

Units: 3*6 = 18

The number 18 goes to the bottom of the table: (1 point, 8 digits down), followed by the number 8 in the column. Number 1 goes to the ranks.

Then, at the bottom of the subtitle, there are green notes:

tenners: 9*3 = 27

A copy of the 27 is placed at the bottom of the table: (2 hundred and 7 down), followed by a 1-digit number next to the number 7, followed by 8 digits instead of two and placed in the decimals column. Number 2 goes to the ranks.

More subtitles will appear next to the subtitle.

Hundreds: 2*3 = 6

The number 6 comes under the table (under 6 Hundreds), followed by a 2-digit number next to the 6, replacing the two with the number 8, which results in the column of hundredths. .

Multiply 3 by 6 and the result is the number 8 of 18 is written under the unit. 1 decimal is

stored in the heart, multiplied by 3 by 9, the result is added to one decimal place, the sum of 8 of 28 is written under decimal, 2 is stored in two hundredths, multiplied by 3 by 2, Multiplication 6 adds 2 hundred words in the language, the result is written under 8 hundred.

The teacher continued the fairy tale:

- Your palm is pleased with the knowledge of the old woman Oppogoy and finally states three conditions:

- "I'll give you an example of overpopulation; if you can answer, I'll show you the way to the palace!"

Oppogo agreed.

Teacher: - Students, can we help Oppogoy ?!

Then we started.

To do this, they use the "Skillful Accountant" method and explain each of the three examples on a blackboard.

Example - 789

Group -1

48*2= 96
3*27=81
146*2=292

Group -2

2*438=876
226*3=678
5*119=595

Group -3

224*4=896
7*113=791



Example - 790

Students independently do the task in their notebooks.

The baker baked 324 bread a day. If you bake this kind of bread every day, how much bread will it cover in 3 days?

Closing plan:

1) How many bakers do you bake in 3 days?

Dismissal: $324 * 3 = 972$

Answer: Bakers bake 972 bread in 3 days.

The teacher continues the fairy tale: - Your palate admired the knowledge of Oppogoy and helped him reach the palace.

INTERVAL

We have many guests at home

We built 4 houses.

5 in each,

We were wrong.

Let's help you

We count together.

Teacher:

- So, Oppogoy reached the palace. His stepmother told Oppogoy in the palace:

"If you can find the puzzle I give you, I'll leave the palace."

Oppogoy agreed. The stepmother's puzzles were as follows:

Example 791. Remove the puzzle.

There are 36 steps to get to the third floor. How many steps do you take to get to the sixth floor?

Teacher: - Come on, guys, we'll help Oppogoy!

solution: $36: 2=18$

$18*5=90$

A: You have to go through 90 steps.

The teacher continued the fairy tale:

- At that moment, her stepmother left the palace, claiming that Oppogoy's answer was correct.

Oppogoe lived a happy and joyful life in the palace for his loving father!



4. Strengthening a new theme

Teacher: - Oppogoy wanted to strengthen his knowledge, remembering how he came to the palace.

The mathematical dictator.

1. How many units, how many by ten, and how many hundred are there in 512?
2. How many months a year?
3. How many days a year?
4. Find a quarter of an 8 cm incision.
5. Multiply 280 by 120
6. Reduce 600 by 3 and multiply 170.
7. Find the face of the rectangle 5 cm long and 3 cm long.
8. From the first row 190 kg less carbs were extracted from the second. How many carrots are mined in the second row?

9. How many tons of 80 quintals is worth?

10. What is the cost of a notebook for 200 sums and 2000 notebooks?

Teacher: - You see, the kids are so smart and friendly about Oppogoy. Like Oppogoy, you need to be tactful, smart, and kind. Once we have answered the questions, we will examine it together.

5. Student evaluation.

Teacher: -It encourages students from the group to actively participate in the course and to help Oppogoy.

6. Homework assignment.

Example 792, task 793, is assigned a home task and explains how to solve it.