

REINFORCEMENT ACTIVITIES

Subject: Mathematics

Grade: 6°

Period: II

Year: 2019

SUGGESTION

Each period, the teacher formulates a problematizing question or situation related to the learning goals that help the student to train him/herself and get ready to prove his/her knowledge and proficiency levels in each area. This process is scheduled for the week from May 20th to 24th. The student should consult the bibliographic references cited by the teacher and turn in three academic products for the period written with basic standards to give account for the skills acquired.

1. Problematizing question:

How important for students is to recognize numbers and their properties as a language to represent reality?

2. Learning Goals

General objective:

To recognize and apply the use of the natural numbers and their properties for the resolution of problems in diverse contexts allowing the development of the analysis.

Specific objectives:

- To identify what natural numbers are.
- To understand the concept of multiplication of two natural numbers.
- To make full advantage of the properties of multiplication.
- To understand why division is different from multiplication.
- To understand how powers are a repeated multiplication of the same factor.
- To understand and apply properly the hierarchy when combining different operations.

3. Academic products

- 1) A student recorded her scores on weekly math quizzes that were marked out of a possible 10 points. Her scores were as follows:

8, 5, 8, 5, 7, 6, 7, 7, 5, 7, 5, 5, 6, 6, 9, 8, 9, 7, 9, 9, 6, 8, 6, 6, 7

What is the mean, median and mode of her scores on the weekly math quizzes?

- 2) With the money that I have now and \$247 more, I could pay a debt of \$525 and I would still have \$37. How much money I have?
- 3) The perimeter of a triangle is 51 centimeters. The lengths of its sides are consecutive odd integers. Find the lengths of all three sides.
- 4) The Tasty Tea Company produced 6,792 tea bags one day. If they put 24 tea bags in each box, how many boxes do they need?
- 5) Five suspects, one of whom is the guilty party, are being interrogated by the police. Who is the culprit if just three only of the following statements are correct?

Alf: 'Dave did it.'

Ben: 'It wasn't me.'

Charlie: 'Ernie is innocent.'

Dave: 'Alf is lying when he accuses me.'

Ernie: 'Ben is telling the truth.'

4. Bibliographic references

This information could be found in:

- **Website:** <https://www.mathabc.com>
- **Website:** <http://www.mathgametime.com>
- **Website:** <http://mathantics.com/>