

ABSTRACT

This thesis deals with selected parameters influencing the difficulty of word problems. The aim of the thesis is to identify some parameters that could influence the solution of word problems and show that the connection of mathematics with language makes sense and can point out the difficulties that mathematics teachers do not see in the task.

The first part of the thesis is devoted to word problems in general. It deals with the importance of word problems in mathematics lessons, classification of word problems by mathematics and context. Finally, it deals with the solution of word problems.

In the second part there are some parameters influencing the difficulty of word problems. Subsequently, the analysis of the influence of selected parameters on selected word problems is carried out on the basis of the project of the Grant Agency of the Czech Republic number 16-06134S - Word Problems as a Key to Application and Understanding of Mathematical Concepts and based on own experience in teaching.

In the last part of the thesis is my own recommendation for working with word problems.

KEYWORDS

word problems, parameters influencing the solution of word problems, solving of word problems