

ABSTRACT

This thesis deals with selected parameters influencing the difficulty of word problems and also the student's ability to solve them. The aim of the thesis is to theoretically look into it and practically test some of these parameters from 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 point out the difficulties that mathematics teachers may not perceive at first sight and consider as a problem.

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. Finally, it deals with the solution of word problems.

In the second part there are some parameters influencing the difficulty of word problems. These parameters are selected mainly 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. Some of these parameters I analyzed in mini case studies and my own teaching experience.

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