

ABSTRACT

The bachelor's thesis deals with the issue of comparing strategies when solving selected types of word problems. The theoretical part deals with the notion of concept cartoons, selected types of word problems, the process and strategies for solving word problems and the results of foreign studies that focus on the influence of the comparison of solving strategies in teaching mathematics. The practical part of the work includes an analysis of selected Czech textbooks of mathematics for the lower secondary school, including teacher books, focusing both on the occurrence of multiple solving strategies for the same word problem and on didactic approach to the selected types of word problems. The core of the work is 15 original worksheets, consisting of concept cartoons, in which two hypothetical students present their solutions to the same type of a word problem. This work also includes a proposal on how to implement such a worksheet in class, along with a proposal for a possible continuation of the use of comparing strategies in mathematics teaching.