

The essential part of this diploma thesis is a classification of works obtained from an investigation aimed on determination of conceptions of fractions by pupils in the fifth form of the primary school. The experiment consists of four tasks, which were given to children in four different classes. I have classified produced works according to bases of division, which I had established. Mainly concerned classifications are the thematic classifying, classifying in accordance with the "type of children's works" and classifying based on occurred interpretations of fractions. I was trying to find such criterions that would state in evidence of what conceptions and knowledge of fractions do the pupils in the fifth form have. According to gained results I think that I fulfilled this goal. When I was sorting the works of children, I found out that there is a huge amount of large-scaled works that can become basis for another research.