

## **Abstract**

This thesis "Creating images of fraction at the elementary school" is divided into theoretical and practical part. The theoretical part defines the subject matter of fractions in curriculum, deals with a mathematical literacy concept and introduces basic conceptions related to fractions and propaedeutic of fractions at the Primary School. The practical part consists of a preparatory research and a consequential research. The goal of the preparatory research is fractions knowledge mapping on Primary School pupils comparing to an expert knowledge acquired in the theoretical part. The consequential research focuses on confirming results of the preparatory research, respectively preferring the circle model off other models. It also checks if pupils get acquainted with other models (line segment, rectangle, and set of discrete objects).

## **Key words**

Fraction, propaedeutic, models, representation, primary education, curricula.