

Visualizing word problems

Iordanka G. Gortcheva

Institute of Mathematics and Informatics at the Bulgarian Academy of Sciences

Abstract. Through solving of word problems, students apply their mathematical knowledge to model real-life situations. Traditional methods taught at school do not always make this process effective. Visualizing word problem formulations or solutions creates a friendly problem solving atmosphere, reveals the beauty of mathematics to the students, and invites them to inquiry-based learning.