

SOLVING OF GEOMETRICAL PROBLEMS USING DIFFERENT METHODS

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ABSTRACT. Geometry is used daily by almost everyone. Geometry is found everywhere: in art, architecture, engineering, robotics, land surveys, astronomy, sculptures, space, nature, sports, machines, cars and much more. Geometry has an important role in the mathematics education process, too. When teaching geometry, spatial reasoning and problem solving skills will be developed. In the early years of geometry the focus tends to be on shapes and solids, then moves to properties and relationships of shapes and solids and as abstract thinking progresses, geometry becomes much more about analysis and reasoning. In this article we present six geometrical problems solved using different methods.

KEY WORDS: Geometry. Problem solving. Geometrical constructions.

CLASSIFICATION: G94

Received 15 April 2014; received in revised form 1 May 2014; accepted 10 May 2014

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In. (Eds.) Šedivý, O., Švecová, V., Vallo, D., Vidermanová, K. Acta Mathematica 17: Conference Proceedings 12th Mathematical Conference in Nitra, Department of Mathematics, Faculty of Natural Sciences, Constantine the Philosopher University in Nitra, Slovakia, June 19, 2014. Edition Prírodovedec No. 578. Nitra: CPU (2014). P. 165-174. ISBN 978-80-558-0613-6