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Pupils' solutions of a geometric problem from a mathematical competition.

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Summary: In this article we list a brief analysis of pupils' solutions of a geometric task from the 63th Mathematical Olympiad category Z9. The task was given in the regional competition category to the pupils at lower secondary education. We wondered which solutions pupils used and which mistakes occurred in their solutions. We present some solutions of pupils with specific examples of their sketches.

Classification: D53 G43 D73

Keywords: competition; analysis; solutions; geometric problem

http://www.nmk.fpv.ukf.sk/2014/proceedings/19_rumanova_zahorska_vallo_fulltext.pdf