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How can students benefit from mathematical Olympiads?

Math. Medley 36, No. 1, 15-22 (2010).

Summary: In this note, the author attempts to put mathematical Olympiads from the perspective of the Singapore mathematics curriculum and discusses how students can benefit from participating in such mathematics competitions.

Classification: B60 D30 D50

Keywords: student competitions; mathematical competitions; mathematical Olympiad; curriculum; Singapore; mathematical problem solving; Polya's model of problem solving; problem solving strategies; mathematical content knowledge; quadratic equations; cubic equations; binomial theorem; remainder theorem; motivation