



MACEDONIAN

MATHEMATICAL COMPETITION

660 J + 707 W - 14/3/1



$$\frac{a_1 + a_2}{2} \geq \frac{a_1}{a_2} + \frac{a_2}{a_1} \geq a_1 \left[\frac{1}{a_1} + \frac{1}{a_2} \right] \geq 2 a_1 \left[\frac{1}{a_1} \right]$$
$$\left(\frac{a_1}{a_2} \right) \left[\frac{a_2}{a_1} \right] = \left[\frac{a_2}{a_1} \right] \left[\frac{a_1}{a_2} \right] = \left[\frac{a_1}{a_2} \right]$$

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2008

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This school year, as the previous ones, all the competitions in primary and secondary school were successfully organized in Republic of Macedonia.

Republic of Macedonia was host to the 25th Balkan Mathematical Olympiad (BMO 2008) that was held in Ohrid, in the period 4 – 10 May on BMO 2008 were participating officially 11 Balkan Countries and 7 guest countries.

Based on the total results of the students, were elected 6 of them to represent Republic of Macedonia on the International Mathematical Olympiad 2008 in Spain.

Macedonian Mathematical Competitions 2008
for primary school

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