

**ZMATH 2015a.00807**

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**Are most triangles obtuse?**

Math. Spectr. 47, No. 1, 3-10 (2014).

Summary: What is the probability that one of the angles of a ‘randomly’ chosen triangle is obtuse? This question was first investigated in the nineteenth century by Lewis Carroll, who believed he had found the answer. We first show that the question is not well defined, and survey several of its traditional interpretations. We then look at the question from a fresh perspective, using computer simulations to obtain results which are different from any of those previously found.

*Classification:* K50 K60 G40

*Keywords:* obtuse triangles; randomly chosen triangles; normal distribution