

Puzzle

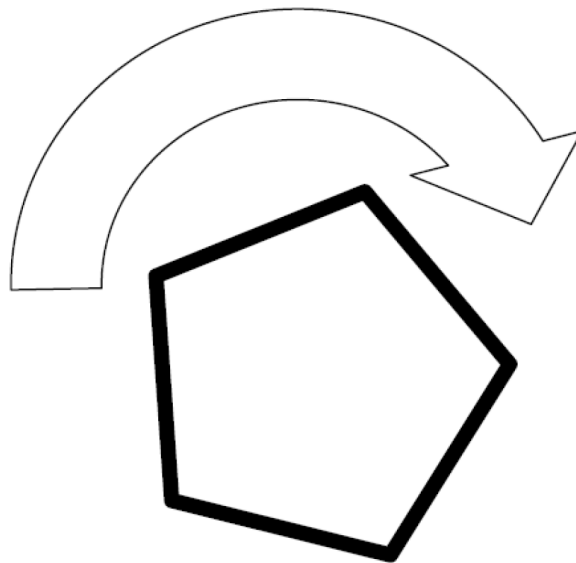
The rolling pencil



Problem definition:

A pencil with a pentagonal cross-section has the manufacturer's logo printed on one of its five sides. When the pencil is rolled over the table, how likely is it that the logo will remain in place with the pen pointing upwards?

Sketch:



Source:

Peter Winkler: „Mehr mathematische Rätsel für Liebhaber“ (S.2)