

Kwantlen Polytechnic University
Mathematics Problem of the Week

Problem number 277
Posted Monday February 15, 2016
Submit by noon, Monday February 22, 2016



Algebra is a piece of π

The mystery of this pie is an interesting geometric challenge. The baker has a circular pie with which he intends to feed his guests. He divides the pie with six straight lines, each of which intersects all five of the other lines. Each intersection however consists of just two lines touching, and leaves the baker with a selection of sizes and shapes of pie to play favourites to his heart's content. How is the pie divided?



Submit your solution by

- § emailing it to MathProblem@kpu.ca
- § putting it in the MPOW box in the Math Assistance Centre on the Surrey campus (library, main floor)
- § putting it in the MPOW box in The Learning Centre on the Richmond campus (located in the library)
- § giving it to Tariq Nuruddin (Surrey A3670)

Be sure to include your name. In order to be eligible for the prize, KPU students should also include their student numbers. Winners names will be posted on the Problem of the Week web page. You can have the Problem of the Week emailed to you each week. Just go to the website and sign up.

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