

Kwantlen Polytechnic University

Mathematics Problem of the Week

Problem number 274

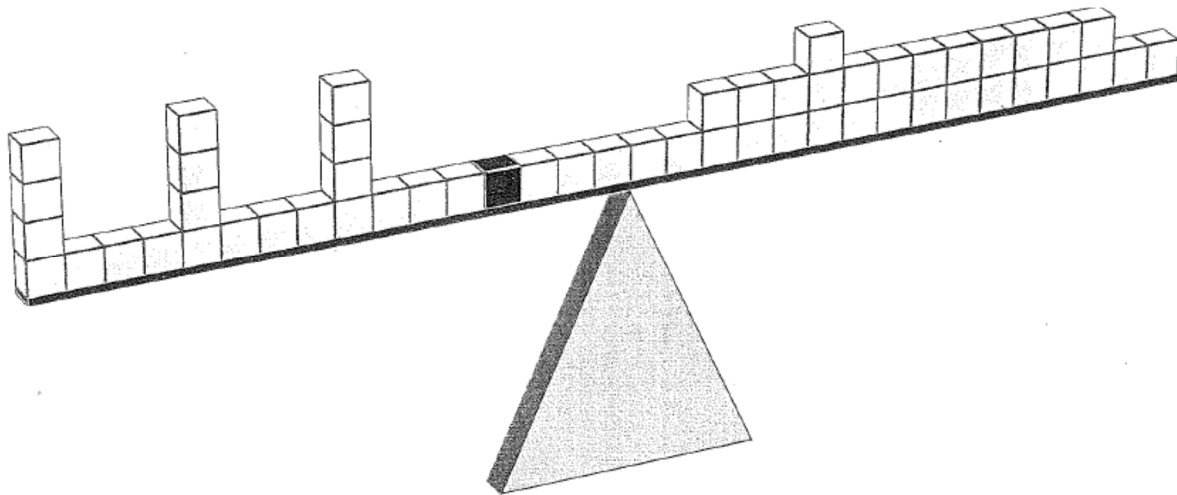
Posted Monday January 25, 2016

Submit by noon, Monday February 1, 2016



Tilting the balance

This system is in balance. The black block weighs the same as the white blocks. Placing three more blocks are placed on the black block will cause the balance to tilt. Where should two white blocks be placed to return the system to balance?



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.

Web site: <http://www.kpu.ca/mathematics-problem-week> .