

Kwantlen Polytechnic University

Mathematics Problem of the Week

Problem number 273

Posted Monday January 18, 2016

Submit by noon, Monday January 25, 2016



The turn of a friendly card

Each symbol in the diagram shown below has the same value – one of which is a negative number. Work out the logic and identify the number that should replace the question mark. This game does end when our puzzle depends on the turn of a friendly card.

♥	♦	♠	♦
♠	♥	♦	♥
♦	♥	♠	♦
♦	♠	♠	♥
?		13	2

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> .