

Mathematics Problem of the Week

There were no correct KPU student solutions this week.

Submitting correct solutions to problem 232 were:

**Suzanne Pearce
Jesse Meyer**

Problem 232 solution:

Four people will leave the crash site, each carrying five days' worth of supplies.

- At the end of the first day, one person will turn back, giving his extra 3 days' worth of supplies to the remaining three. Those three now have five days' supplies.
- At the end of the second day, the three walkers each have four days' supplies, and one more person turns back. She gives one day's worth of supplies to each of the remaining two, leaving her with two days' supplies to get back to the crash site.
- At the end of the third day the two remaining walkers have four days' worth of supplies each. One person turns back, giving one day's supplies to the remaining walker and still having three days' worth to get back. The remaining person now has five days' worth of supplies and there is five days left in the journey.

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 Lin Hammill (Surrey Fir 348) or Judy Bicep (Richmond 3335)

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> .