**Kwantlen Polytechnic University**

# 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.