



Problem of the Week

Problem E

Multiple Podiums?

Anita, Carly, and Liz are downhill skiers who competed in the Winter Olympics.

Anita, Carly and Liz each finished in first, second or third in the downhill skiing event. There were no ties.

Anita, Carly and Liz are also from different countries. One is from Canada, one is from Denmark and one is from Belgium.

Each athlete also participates in a second event. One participates in the biathlon, one participates in ski jumping and one participates in cross-country skiing.

Using the following clues, determine who placed first, second and third in downhill skiing, which country each athlete is from, and the second event each athlete participates in.

1. The Canadian athlete, the person who came in third place, and the ski jumper are three different people.
2. The Belgian was faster in downhill skiing than Liz.
3. The cross-country skier did not come in third place in the downhill skiing event.
4. Carly came in second place in downhill skiing and she is not a ski jumper.
5. Anita was faster in downhill skiing than the athlete who also competes in the biathlon.

You may find the following table a helpful way to organize your solution to this problem.

	First	Second	Third	Canada	Denmark	Belgium	Biathlon	Ski Jump	Cross-Country
Anita									
Carly									
Liz									
Biathlon									
Ski Jump									
Cross-Country									
Canada									
Denmark									
Belgium									

