

Snow Day Math for February 12th, 2018

Due Tuesday February 13th

Problem 1

Own the Podium

Christina, Martha, Natalie and Silvia are figure skaters who competed in the Winter Olympics.

Silvia, Martha, Christina and Natalie each finished in first, second, third or fourth in the figure skating event. There were no ties.

Silvia, Martha, Christina and Natalie are also from different countries. One is from Canada, one is from China, one is from Croatia and one is from New Zealand.

Using the following clues, determine who placed first, second, third and fourth, and for which country each athlete was competing.

1. Christina did not beat Martha in the competition.
2. The Croatian athlete did not finish in first place.
3. The athlete from New Zealand finished in fourth place.
4. Silvia finished ahead of the competitor from China.
5. Christina competes for a country starting with 'C'.
6. Silvia is not from Canada.

Problem 2

Kick It Up a Notch

In football, the player who kicks the ball is referred to as the punter. During a recent football game, the punter, Khan Kickit, kicked the ball five times. His longest kick was 44 yards and he averaged 35 yards per kick. Each of his kicks was a different positive integer length.

Determine the minimum possible length of Khan's shortest kick.

