



Problem of the Week

Problem A

A Hop, Skip, and a Jump!

Alexis and her friends Mikai, Sophia, and Casper enter a team competition that involves hopping, skipping, biking, and rollerblading for a total of 3 km. Each team member picks an activity and must take turns completing a section of the course by doing their activity.

Alexis will hop for 100 m, then Mikai will bike the next 150 m, followed by Sophia who will rollerblade for the next 200 m, and finally Casper will skip the next 50 m. They will repeat their activity until the team completes the 3 km race.

- (a) How many times does each member have to do their activity to complete the race?
- (b) What fraction of the race does each team member complete? Put the fractions in order from least to greatest.

