



Problem of the Week

Problem B

Olympic Proportions

Olympic Games are held every two years, alternating between summer and winter Olympics. For example, Rio de Janeiro held the Summer Olympics in 2016, while Pyeongchang, South Korea will host the Winter Olympics this month.

- a) Using the website <https://www.olympic.org/olympic-games>, make a list of all the countries which have hosted Olympic games from 1994 to 2016.
- b) Look up the number of countries on each continent. Then complete the table below to demonstrate the fraction of countries on each continent which have hosted Olympic games from 1994 to 2016.
(<http://www.enchantedlearning.com/geography/continents/Extremes.shtml>)

Continent	No. of Countries	No. of Host Countries	Fraction (%) Hosts/Countries
Asia	47	3	$\frac{3}{47}$ (6.4%)
Europe			
N. America			
S. America			
Australia			
Africa			

- c) If you were trying to distribute hosting countries evenly, which continent should be next to host either games? Justify your choice.

