**Activity: The World in our Classroom** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Continent** | **Population** |
| Africa | 994,527,534 |
| Asia & Oceana | 4,176,438,572 |
| Europe | 738,523,843 |
| North America | 528,720,588 |
| South America | 385,742,554 |
| Total | 6,823,953,091 |

Source: Wikipedia: 2010 World Population, (en.wikipedia.org/wiki/World\_population)

1. Using the information in the tables above, use ratios to determine how many students should represent the population of each continent.

Number of students in our class today \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of students to represent Africa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of students to represent Asia & Oceana \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of students to represent Europe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of students to represent North America \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of students to represent South America \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |
| --- | --- |
| **Continent** | **Approximate % of the**  **World’s Wealth** |
| Africa | 0.6% |
| Asia & Oceana | 31.3% |
| Europe | 29.2% |
| North America | 34.4% |
| South America | 4.4% |

Source: UN, (www.wider.unu.edu/events/past-events/2006-events/en\_GB/05-12-2006/)

1. We will use a package of cookies to represent the amount of wealth in the world. Using the information in the tables above, use ratios to determine how many cookies in the package would represent the wealth in each continent.

Number of cookies in a package of Oreos \_30\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of cookies to represent Africa \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of cookies to represent Asia & Oceana \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of cookies to represent Europe \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of cookies to represent North America \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Number of cookies to represent South America \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

This activity was adapted from

Gutstein, E. (2006). *Reading and writing the world with mathematics: Toward* *a pedagogy for social justice.* New York: Routledge.