Student Name a Date a

Pie Charts

***Reading Graphs***

The Centers for Disease Prevention (CDC) are getting ready to launch a new flu prevention campaign. They want to see which age groups were affected the most out of all reported flu cases last year so they can target those groups. Here is a graph of the data:

 *Now answer the following questions (don’t be afraid to ask your coach for help):*

1. Which age group had the greatest number of flu cases?
2. Which two age groups had nearly the same number of flu cases?
3. Which age group had a little less than a quarter (25%) of the flu cases?
4. Which age group had a little more than a quarter (25%) of the flu cases?

***Making Graphs***

Later on the local Public Health Department is about to launch a new hand-washing campaign and sees the graph put out by the CDC. They decide to gather similar data on the common cold last year in their community so they can figure out which ages to target. For their research however, they decide to use simpler age groups. Here is the data:

|  |  |
| --- | --- |
| **Age group** | **% of Total Common Cold Cases** |
| Infants and Children (0-10) | 5 |
| Teenagers (11-19) | 20 |
| Adults (20-39) | 10 |
| Middle age (40-59) | 25 |
| Older Adults (60+) | 40 |

*Help the Public Health Department graph this data on the Pie Chart below:*

Legend