



2012-2013
Mathematics Benchmark 3
Constructed Response Marking Scheme

Grade: 7

Item Description: It's My Birthday

Mathematical Content

Total: 1 point

B

Mathematical Process

Total: 2 points

2 points:

- The student clearly communicates an explicit connection between the random sample and the school population. The data from the sample shows that more students have birthdays in April than in July. Therefore, one can infer that more students in the school population have birthdays in April.

1 point:

- The student addresses either the sample or the population without making an explicit connection between the two

0 point:

- Student provides a completely incorrect explanation or justification, one that cannot be interpreted, or there is no response.