Figure 2.5: Sample Conjecture About a Wikipedia Claim

Wikipedia reports that 8 percent of all Americans eat at McDonald's every day. Data reveal approximately 311 million Americans in 2012 and 12,800 McDonald's restaurants in the United States.

Make a conjecture as to whether or not you believe the web release to be true, and then create a mathematical argument that justifies your conclusion.

In your teacher teams:

1. Discuss your expectations for student demonstration of quality work in defense of their mathematical argument for the problem.

2. Discuss how your lesson plan for this problem would promote student communication of their argument with others and respond to one another based on their solution defense.

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