

Alice's Adventures in Wonderland

1 Getting Started

Lewis Carroll was a mathematician who also wrote literature books for children.

Essential Question How does mathematical problem solving influence a story plot?

Read *Alice's Adventures in Wonderland* by Lewis Carroll. In each chapter, rewrite one of the episodes so that it contains some of the math that you have studied this year.

Sample: You could rewrite Alice's shrinking adventure as follows.

Alice's normal height was 4'7" or 55 inches. After drinking the bottle marked "Drink Me," Alice could feel herself shrinking more and more. After several minutes, Alice was only two-elevenths of her original height. Would Alice have to bend over to walk through a door that is only 1 foot high?





The illustrations on these two pages are from the 1907 edition of *Alice's Adventures in Wonderland*. They were drawn by Arthur Rackham (1867–1939), a book illustrator from England.



2 Things to Remember

- You can download each chapter of the book at BigIdeasMath.com.
- Add your own illustrations to your project.
- Try to include as many different math concepts as possible. Your goal is to include at least one concept from each of the chapters you studied this year.
- Organize your math stories in a folder, and think of a title for your report.