



## The Young Mathematical Story Author (YMSA) Competition Suggested Mathematical Story Picture Book Template (8-16 years old)

We hope you will have fun creating your mathematical story picture book, and we very much look forward to reading your story!

The story structure found in this template is only one of many possible structures. Stories that do not follow this suggested story structure will still be considered.

If needed, your Maths teacher or your parents should be able to help you use this template. Anything highlighted in yellow should be deleted in your final draft.

### Judging Criteria (8-16 years old category)

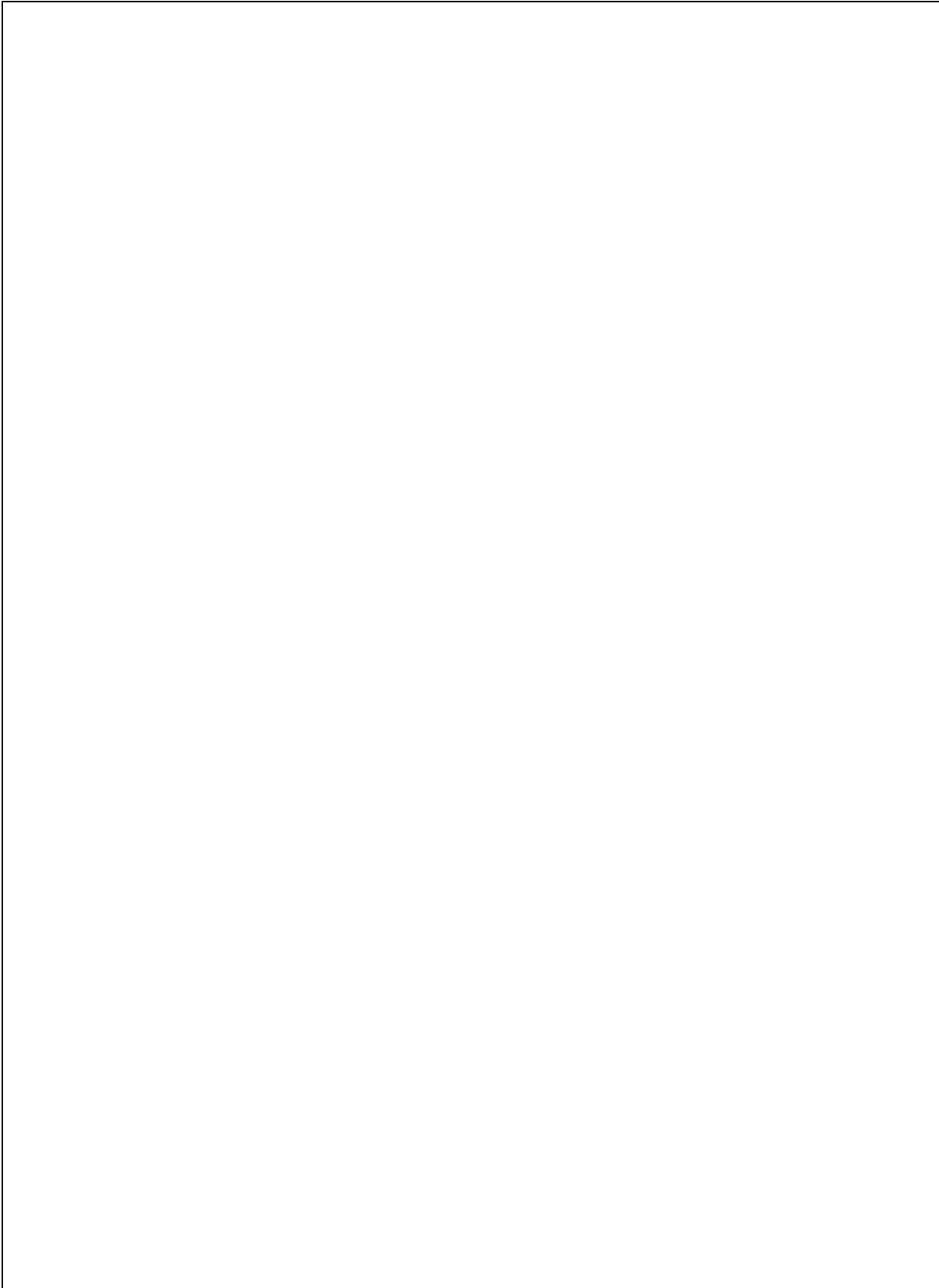
- Ability to come up with an engaging and original story (with a beginning, middle and end)
- Ability to embed the chosen mathematical concept in a meaningful context
- Ability to show how characters' knowledge of the chosen mathematical concept can help them solve a problem
- Ability to use a combination of words, mathematical symbols/notations and drawings to show the mathematical concept in the story
- Ability to explain the chosen mathematical concept in the story clearly without assuming readers' knowledge of the concept
- Ability to present your story clearly and the mathematics accurately (e.g., quality of drawings, neatness of presentation, mathematical correctness, etc.)

Please note that only 'individual' entries are currently possible (i.e. one student/author per story). 'Team' entry is not possible at this stage.

For more details of the competition, visit  
<https://www.mathsthroughstories.org/competitions.html>

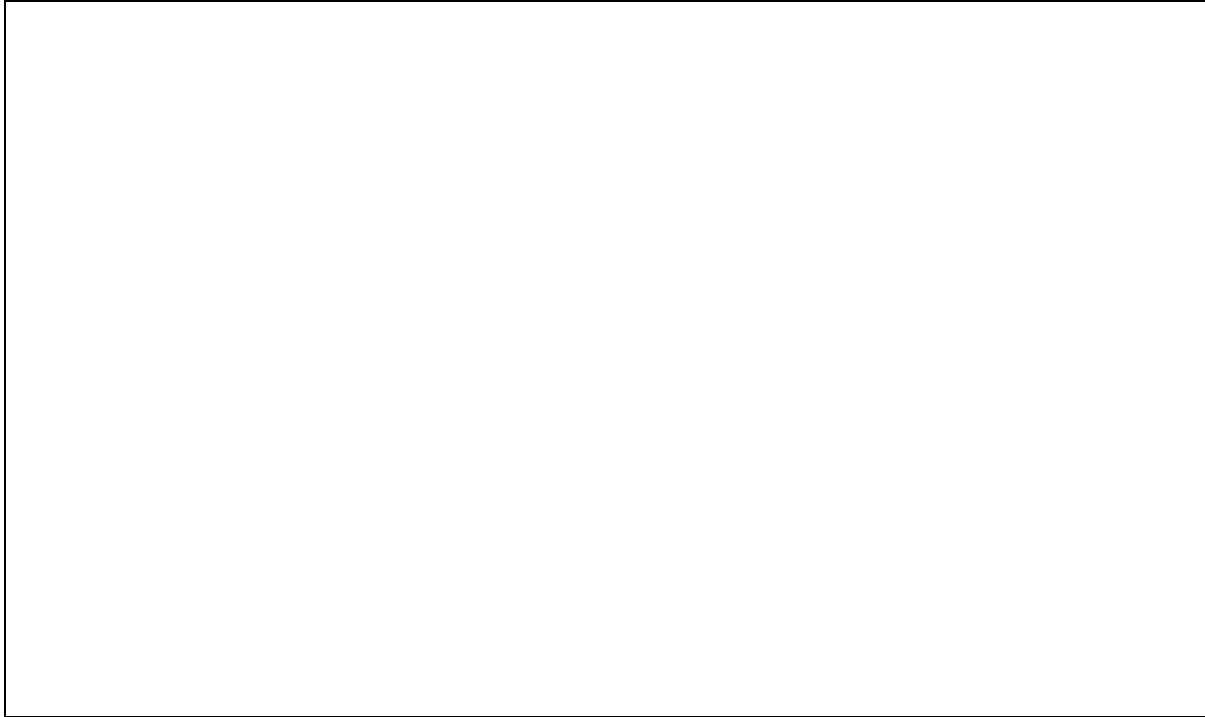
## FRONT COVER

On this front cover, include your front cover illustration, your story's title, your names and your school's name in the provided space below.

A large, empty rectangular box with a thin black border, intended for students to draw their front cover illustration, write their story's title, names, and school's name.

## SETTING THE SCENE AND INTRODUCING THE CHARACTER(S)

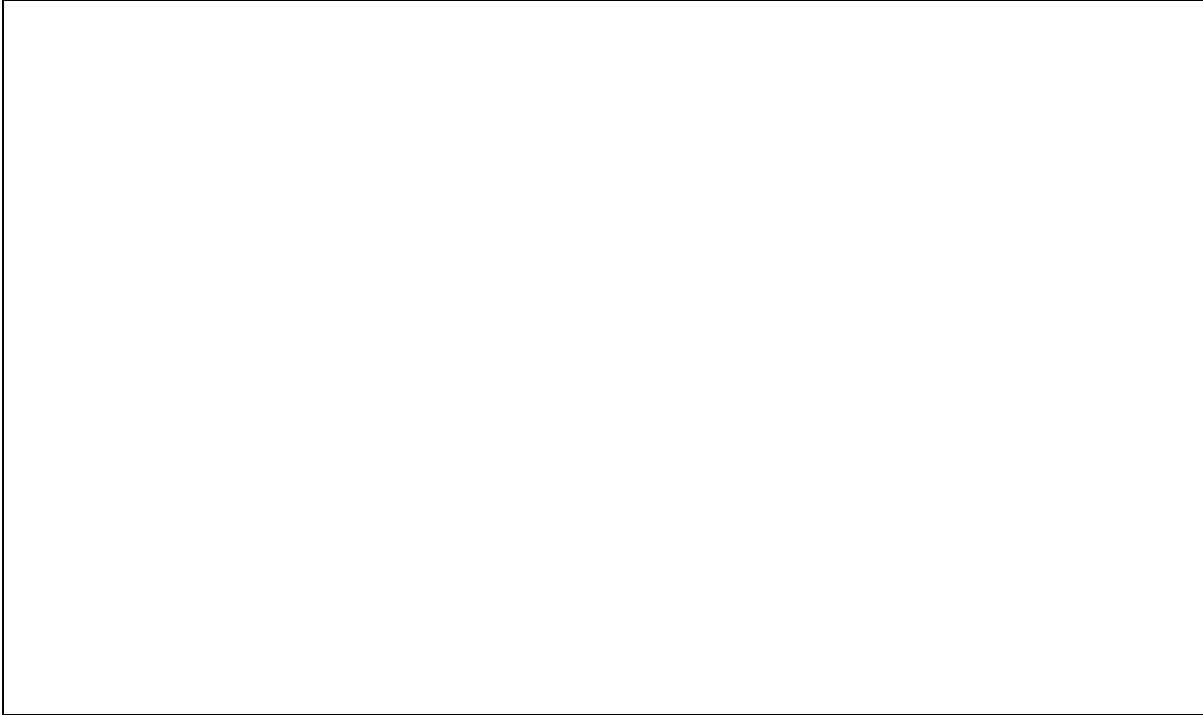
The focus of Page 1 should be on setting the scene and introducing your character(s). Your story can be written in any sub-genre of fiction (e.g. fantasy, detective, thrillers, action, mystery/adventure, ghost story, humour, science fiction, fairy/magical tale, myths or legends, etc.). The choice is yours! Include your illustration in the box below.



*Include your text in the space below the box here. (The text can be either written up neatly or typed up.)*

## INTRODUCING A MEANINGFUL PROBLEM

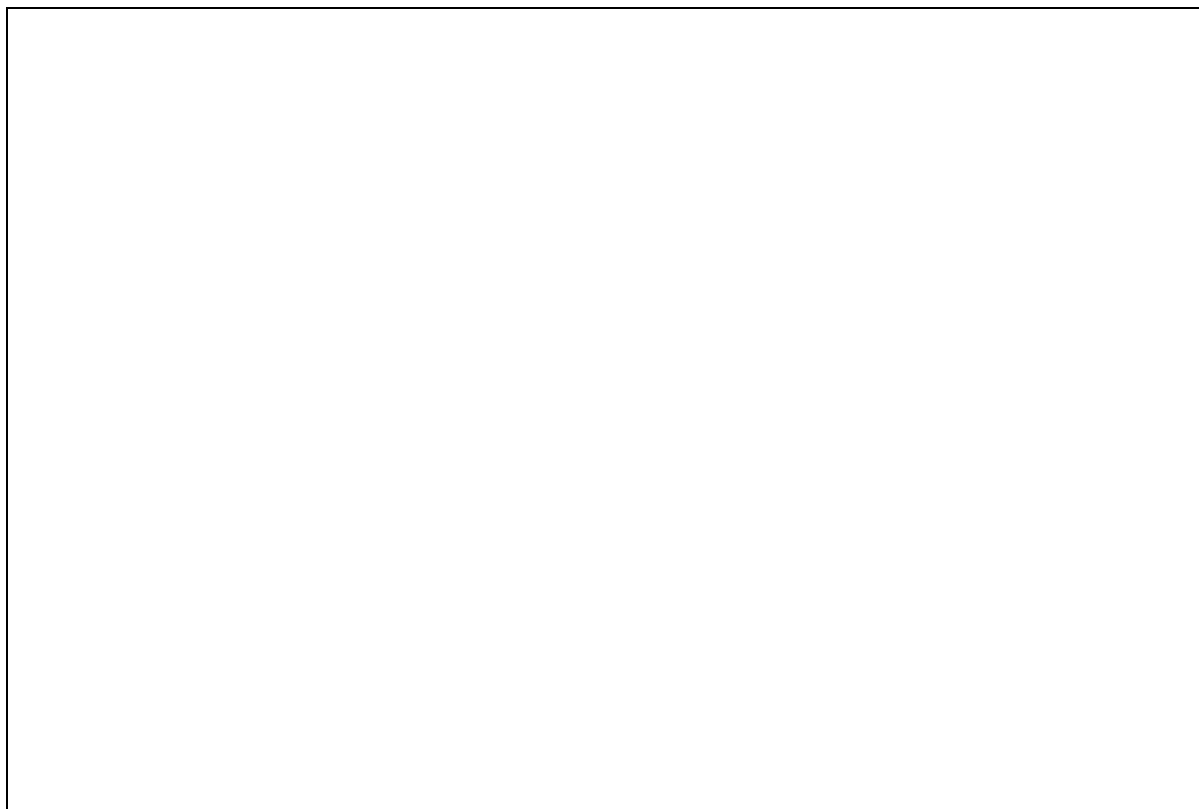
The focus of Page 2 should be on introducing a meaningful problem to be solved. Include your illustration in the box below.



Include your text in the space below the box here. (The text can be either written up neatly or typed up.)

## **SOLVING THE PROBLEM MATHEMATICALLY**

**The focus of Page 3** should be on showing to your readers how your character(s) use their knowledge of your chosen mathematical concept to help them solve the problem (Your chosen mathematical concept should be what you are studying this academic year.)

A large, empty rectangular box with a thin black border, intended for the student to write their response to the problem-solving task.

*Include your text in the space below the box here. (The text can be either written up neatly or typed up.)*

**SOLVING THE PROBLEM MATHEMATICALLY  
(CONTINUED)**

Continue your story on this page and the following pages in words, illustrations and visual models through a variety of mathematical situations that support your story. Your story should focus on one key mathematical concept throughout the story.

A large, empty rectangular box with a thin black border, intended for students to write their story or create mathematical models and illustrations.

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**SOLVING THE PROBLEM MATHEMATICALLY  
(CONTINUED)**


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**SOLVING THE PROBLEM MATHEMATICALLY  
(CONTINUED)**

Continue your story on this page and the following pages in words, illustrations and visual models through a variety of mathematical situations that support your story. Your story should focus on one key mathematical concept throughout the story.

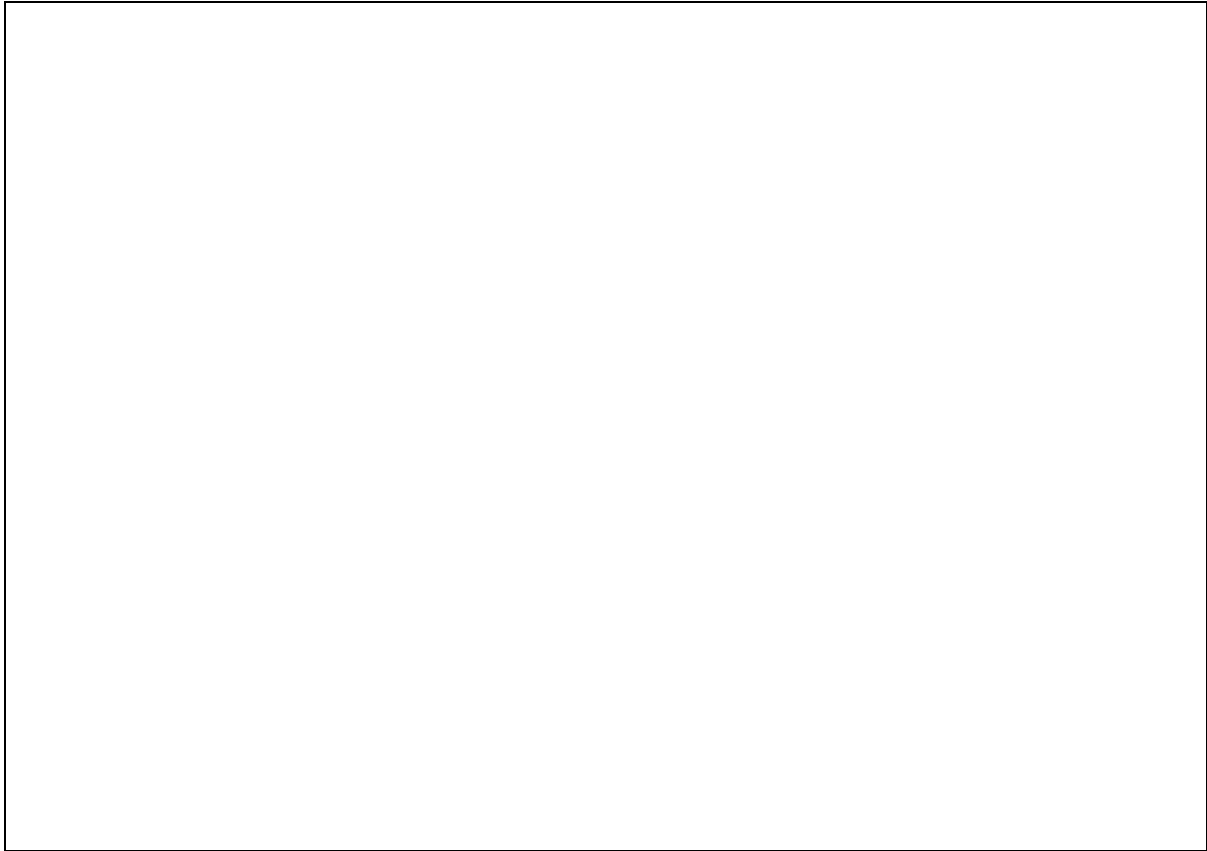
A large, empty rectangular box with a thin black border, intended for students to write their story or create mathematical models and illustrations.

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## ENDING

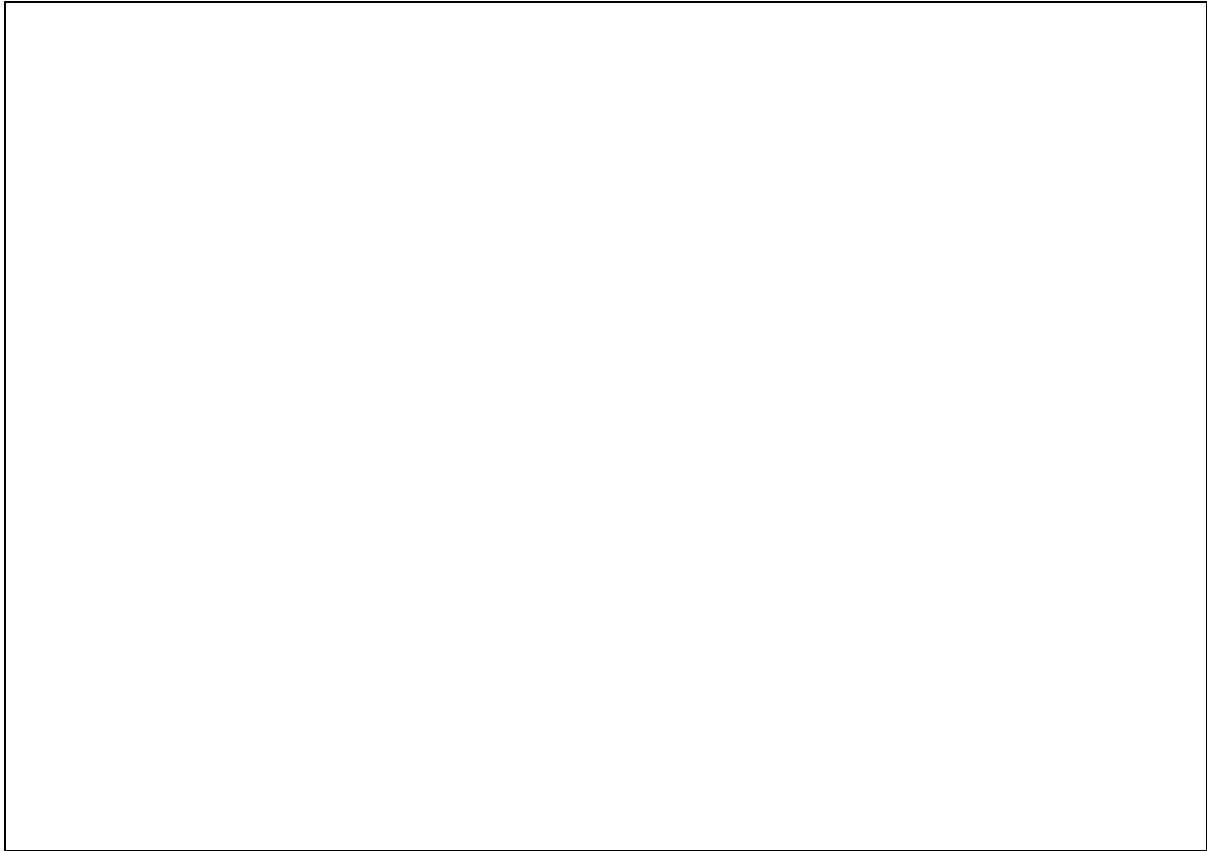
The focus of this page should be on bringing your story to a close.



*Include your text in the space below the box here. (The text can be either written up neatly or typed up.)*

**ENDING (CONTINUED, IF NEEDED)**

If needed, this page could be a continuation of the previous page.


A large, empty rectangular box with a thin black border, intended for the student to write their response. The box is centered on the page and occupies most of the middle section.

*Include your text in the space below the box here. (The text can be either written up neatly or typed up.)*

## BACK COVER

On this back cover, include a blurb of your story in the box below. If you want, you can also decorate your back cover.

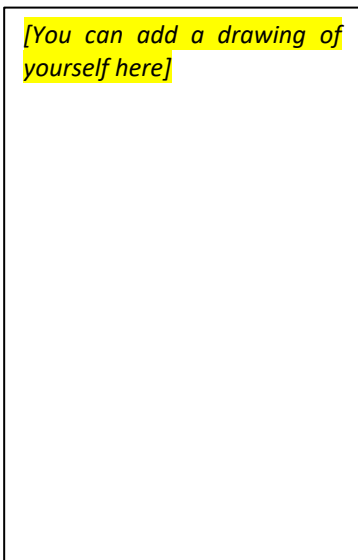
### BLURB



In the box below, include your name, your age, your school's name, the country it is located in, and say a few words about where the inspiration for you to write this mathematical story comes from. If you want, you can also include a drawing of what you look like!

### ABOUT THE AUTHOR

*[You can add a drawing of yourself here]*



*[Say a few words about yourself here]*

