

Virtual Hooked on Books

The Invention of Hugo Cabret by Brian Selznick

Join library staff on Zoom for book chats & fun: Tues. August 31st at 7:00pm!
Sign up for free through Eventbrite on our website!

<https://www.eventbrite.ca/e/hooked-on-books-registration-113795908626>

Math Maze Mystery

In this month's book club pick, *The Invention of Hugo Cabret*, Hugo lives inside a busy train station in Paris, France where he tends to the many clocks each day.

On the next page, you will see a Math Maze activity. In this activity, you must escape the station inspector by making it safely back to the secret apartment. Although you will notice multiple paths, you must follow the only correct path - where the mathematical symbols for **greater than (>)** or **less than (<)** are correct.

Every mathematical equation (both correct and incorrect) will have a **letter** next to it. Begin where it says "ENTER". Collect all the letters along the correct path in the maze, and at the end, unscramble these letters to uncover the secret message below!

[Bonus tip: don't forget to include the letters found at the "Entrance" and "Exit"].

THE


OF

Math Maze

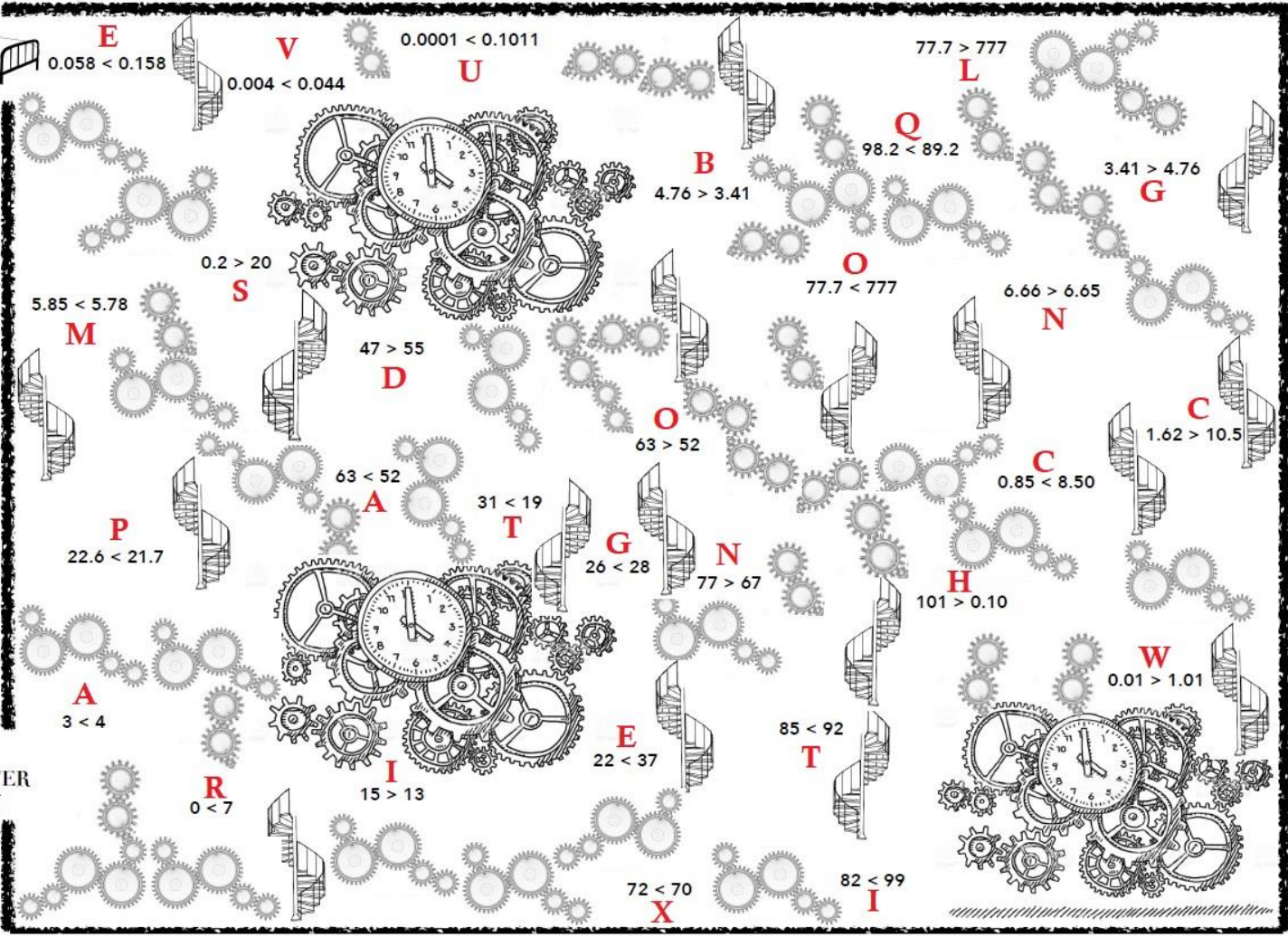
The walls of the train station are filled with long passageways filled with narrow staircases and clockwork. You must escape the station inspector to make it safely back to your secret apartment.

Follow the path where the symbols for greater than or less than are correct. Example: $16 > 9$ is correct

SECRET APARTMENT



EXIT
T



E $0.058 < 0.158$ **V** $0.004 < 0.044$ **U** $0.0001 < 0.1011$ **L** $77.7 > 777$

M $5.85 < 5.78$ **S** $0.2 > 20$ **B** $4.76 > 3.41$ **Q** $98.2 < 89.2$ **G** $3.41 > 4.76$

P $22.6 < 21.7$ **D** $47 > 55$ **O** $77.7 < 777$ **N** $6.66 > 6.65$


A $3 < 4$ **A** $63 < 52$ **O** $63 > 52$ **C** $1.62 > 10.5$

R $0 < 7$ **T** $31 < 19$ **G** $26 < 28$ **N** $77 > 67$ **H** $101 > 0.10$

I $15 > 13$ **E** $22 < 37$ **T** $85 < 92$ **W** $0.01 > 1.01$

X $72 < 70$ **I** $82 < 99$

TOY BOOTH



ENTER
N

Answer Key:

THE
I _ N _ V _ E _ N _ T _ I _ O _ N
OF
_ H _ U _ G _ O
_ C _ A _ B _ R _ E _ T _

Math Maze

The walls of the train station are filled with long passageways filled with narrow staircases and clockwork. You must escape the station inspector to make it safely back to your secret apartment. Follow the path where the symbols for greater than or less than are correct. Example: $16 > 9$ is correct

SECRET APARTMENT
EXIT T

TOY BOOTH
ENTER N

Math problems in the maze:
 $0.058 < 0.158$
 $0.004 < 0.044$
 $0.0001 < 0.1011$
 $77.7 > 777$
 $98.2 < 89.2$
 $3.41 > 4.76$
 $4.76 > 3.41$
 $77.7 < 777$
 $6.66 > 6.65$
 $5.85 < 5.78$
 $0.2 > 20$
 $47 > 55$
 $63 < 52$
 $63 > 52$
 $31 < 19$
 $26 < 28$
 $77 > 67$
 $0.85 < 8.50$
 $1.62 > 10.5$
 $22.6 < 21.7$
 $63 < 52$
 $31 < 19$
 $26 < 28$
 $77 > 67$
 $101 > 0.10$
 $3 < 4$
 $0 < 7$
 $15 > 13$
 $85 < 92$
 $72 < 70$
 $82 < 99$
 $0.01 > 1.01$