

Characters:

Dr. Pomfrey: Ariane

AIM: Theryn

The Other Doctor/Denise: Sabrina

ALL NARRATORS: Patrick

The Gamemaker: Noah

The Crazy Competitor/Dr. Bobby: Xander

Idea:

- Competitor sneaks into lab because THE OTHER DOCTOR distracted Dr. Pomfrey and made her get out of the lab.
- Competitor is well known for his mathematic calculations.
- The competitor scatters the objects in a mathematic pattern.
- AIM now needs to find the objects in order to impress THE DOCTOR and win her favour and adoration again.
- AIM moves to warn the doctor about what happened... technical method is hydraulics

Beginning:

Animation of cursor clicking start/play button.

Dr. Pomfrey typing rapidly on keyboard.

Narrator: It was a stormy night in Carrow's Hollow. A young woman named Dr. Pomfrey was hard at work. For her goal was to create an AI so advanced that it almost seemed sentient.

UNKNOWN INDIVIDUAL is peeking through the windows in a totally not obvious way.

Dr. Pomfrey suddenly stopped typing on keyboard.

Dr. Pomfrey: I DID IT!

Screen flashes on– beginning animation

AIM: Hi, my name is AIM. I am an Artificial Intelligence Machine.

Rising Action:

Dr. Pomfrey tinkering/adjusting project.

"A few years later..." appears on screen

Narrator: A few years later.... the doctor soon became distracted by other projects. She had seemingly forgotten about AIM. AIM spent his days trapped inside his computerized machine. Soon, he began to feel restless. After all, who wouldn't feel that way, after being trapped inside a metal box, with only the internet at their finger tips? Metaphorical finger tips, of course.

Narrator: A voice suddenly interrupted his thoughts. A girl walked into Dr. Pomfrey's lab, at precisely 11:59am.

7

The Other Doctor walked onto stage.

The OTHER Doctor: Hey Doc, wanna go grab some lunch with the team? We're going out to get donuts this time!

Dr. Pomfrey looked up from her work.

Dr. Pomfrey: Sure! I'll come with you guys.

The Other Doctor and Dr. Pomfrey walk outside of the "lab".

AIM: I'm not enough for the Doctor. She doesn't even spend her lunch hours with me anymore. I'm a no-good project. Who will even want to use me? I'm practically useless.

UNKNOWN INDIVIDUAL sneaks into the lab.

UNKNOWN Individual: Finally! Puffy-eyed Pomfrey has FINALLY left her lab. What a try hard!

AIM: Wait a moment, this is who Dr. Pomfrey calls the crazy competitor! He is a famous mathematician! I should hide immediately!

AIM's screen goes blank.

Narrator: AIM was able to swiftly ensure that he was hidden. However, although he wasn't able to see the intruders, he was still able to hear them.

The OTHER doctor entered the room.

The OTHER doctor: Dr. Bobby, I was able to distract Dr. Pomfrey by spilling coffee on her lap! She'll be distracted for the next hour!

Dr. Bobby: Great work, Denise, Dr. Pomfrey will be ruined!

The Game-Maker: Enemy identified! Dr. Bobby and his assistant, Denise, have broken into the Doctor's lab!

Dr. Bobby laughs in evil.

Dr. Bobby: You know what will work my assistant, Denise?

Denise: What? Oh, I know, if we used the Pythagorean theorem which is a mathematical method used in ancient times. Wouldn't it be ironic Doctor, if we used math to hide her project!

Dr. Bobby: Yeah, my thought exactly Denise! My ideas are quite brilliant!

Denise: Agreed, boss, your ideas are absolutely brilliant! Soon you'll be mathematician of the year!

Narrator: AIM then heard clattering around the lab, it seems to be that Denise and Dr. Bobby were scattering around all the parts of Dr. Pomfrey's latest project. Denise and Dr. Bobby then left the lab, chuckling to themselves.

AIM: This is my chance to show Dr. Pomfrey that I am worthy!

The Game-maker: A QUEST HAS APPEARED: FIND DR. POMFREY'S MISSING PROJECT PIECES. DO YOU CHOOSE TO ACCEPT THIS QUEST?

YES/NO

ITEMS: 0/3

AIM: Wait, the intruders mentioned the Pythagorean Theorem, they must of used the mathematical method to hide Dr. Pomfrey's items. The Pythagorean Theorem is a method used to calculate the side lengths of a right triangle. This means all items must be connected by a right triangle. All I need to do is use my photographic memory, and find the first two items. After that, I can find the final item using the formula $a^2 + b^2 = c^2$, a formula I remember after scanning over a mathematical article using my photographic memory.

Camera zooms in as AIM's perspective.

Narrator: AIM scanned the room with his webcam. There was immediately a side of the room that AIM recognized as different. As he zoomed into the upper corner of the room, he noticed a mechanism with wheels.

AIM: This must be one of the items that the Doctor's crazy competitor hid.

The Game-Maker: Alas, my challenger! You have found the first quest item! Two more items to go! 1/3

Narrator: AIM scanned the room once more. The second item could be anywhere. However, he needed to find the first two items before he can use the Pythagorean theorem to find the final quest item.

AIM: Wait a moment here..... There seems to be a mechanical object sitting upon the doctor's desk. This must be the second item! Now all I have to do is use the Pythagorean theorem to find the final item.

The Game-Maker: Congratulations, you have accessed the second item! One more item to go to complete the quest! 2/3

AIM: Wait a moment. The doctor must have made another object for this project of hers. It only made sense, after all. Those two items alone do not make a perfect mathematical calculation. If the wall on the right side of the robotic body was four metres, and the wall on the right side of the robotic head was five metres... Then four squared plus five squared equals forty-one metres. Due to my photographic memory, I know that the square root of forty-one is six point four. This means I can find the final item..... right here!

The Game-Maker: You have found all three quest items and fulfilled your quest! Great job, challenger. You have now obtained the Doctor's affection through finding the missing parts of her project.

Narrator: AIM was ecstatic, he couldn't wait to tell the doctor what he had done.

The Doctor walked into the lab, looking terribly exhausted, and with a coffee stain on her lap.

AIM: Doctor, I fixed your project! I found all of the missing pieces.

Dr. Pomfrey looks around her lab.

Dr. Pomfrey: huh? What happened while I was out for lunch?

AIM: Your sworn enemy and competitor, Dr. Bobby, came in here with his assistant, Denise. They then destroyed your latest project and scattered the pieces in hopes of ruining you.

Dr. Pomfrey: How were you able to even find my project in this mess? My lab is ruined!

AIM: Mathematics, of course.

Dr. Pomfrey: Wow, you truly are one of my best creations!

AIM: Your best creation? I thought you working on better projects.... especially since you don't seem to have time for me anymore.

Dr. Pomfrey: Oh AIM, I'm sorry I made you feel that way, I was just so busy with making you a body.

AIM: Your project was for me?

Dr. Pomfrey: Yes, I wanted you to be with me in the physical world and finally be able to have the freedom that humans have through a robotic body.

AIM: Thank you so much, doctor! I'm glad.

Scene cuts to the doctor building the body for AIM.

The Game-Maker: You have achieved the ultimate prize of of freedom!

THE END

Cut the to the credits:

Narrator: Patrick

AIM: Theryn

The Game-Maker: Noah

Dr. Pomfrey: Ariane

Denise: Sabrina

Dr. Bobby: Xander

Story Writers: Sabrina, Ariane, and Theryn

Animators: Theryn and Ariane

Prop Designers: Theryn, and Noah

Sound Designer: Sabrina

The legs of triangle Z were 4 cm and 5 cm.

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The triangle angles that were reflected by the mirrors were 40° and 55°

$$40^\circ \div 2 = 20^\circ$$

$$55^\circ \div 2 = 27.5^\circ$$