



## THE 2023 YOUNG MATHEMATICAL STORY AUTHOR (YMSA) COMPETITION

THE STUART J. MURPHY AWARD  
(THE 8-11 YEARS OLD CATEGORY)

### LONGLISTED

'Iram's Candy Day' by Aishath Inaz (8 years old)  
at Sharafuddin School (Maldives)

You can read the author's inspiration for the story and the judges' comments  
on:

[www.mathsthroughstories.org/ymsa2023](http://www.mathsthroughstories.org/ymsa2023)

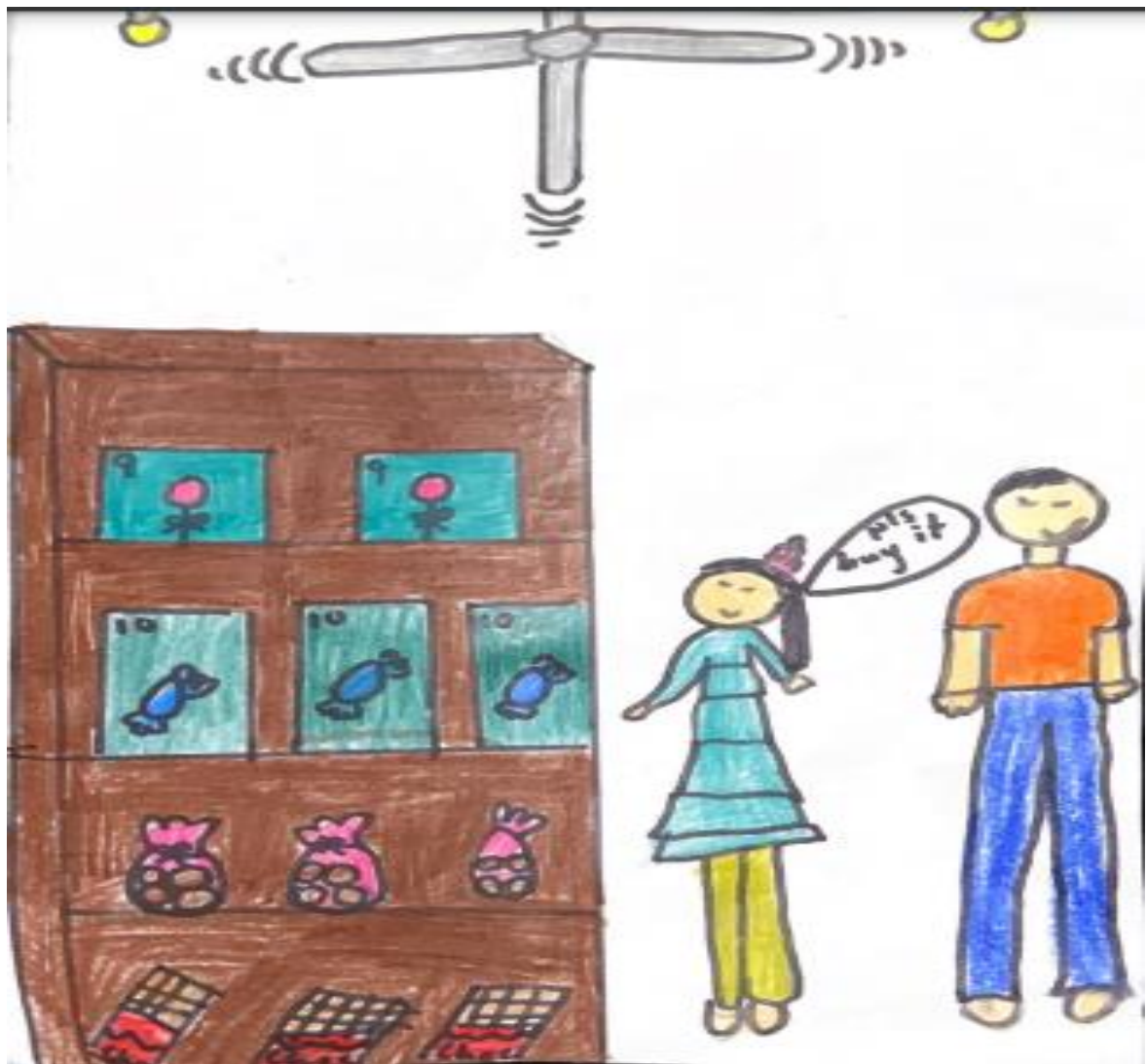
**#YMSAMaths**

# Iram's Candy day



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Sharafuddin School

Iram has two sisters, Ayanee and Sarah. One day, Iram went to a shop with her dad. Iram saw her favorite candies on the shelf. Iram asked her dad to buy it for her. Iram's dad said that he will buy three boxes of candies, one for Iram, one for Sarah and one for Ayanee. Iram got excited as each of them are getting one box of candies. Iram hurried to get the three boxes of candies from the shelf. Unfortunately, there were just two boxes of candies. Iram got very sad.



Iram's dad asked to choose another type of candies. But, Iram said that this is their favorite. Iram kept on thinking. Suddenly, she saw a number on the candy box. She started skip counting. "Three, six nine."

Iram kept on thinking: "Nine is a multiple of three. I can equally divide nine into three groups."

"Daddy, you can buy the two boxes and we will share." Iram said.

But, Iram's dad reminded her how cranky her sisters are.

"Don't worry daddy. In school we learnt multiplication and division. I can solve this problem." Iram said.

Iram's dad bought the two boxes of candies.



After going home, Iram opened the boxes.

"I have two boxes of candies. Nine candies in each box. Nine multiplied by two is 18. So altogether I have 18 candies." Iram kept on thinking and applying what she has learnt at school. She called her two sisters and asked them to come.

$$\begin{array}{l} 3 \times 1 = 3 \\ 3 \times 2 = 6 \\ 3 \times 3 = 9 \\ 3 \times 4 = 12 \\ 3 \times 5 = 15 \\ 3 \times 6 = 18 \\ 18 \div 3 = ? \end{array}$$

$$\begin{array}{l} 18 - 3 = 15 \\ 15 - 3 = 12 \\ 12 - 3 = 9 \\ 9 - 3 = 6 \\ 6 - 3 = 3 \\ 3 - 3 = 0 \\ 18 \div 3 = 6 \end{array}$$



When Iram's two sisters came, Iram had 18 candies. Immediately Iram's two sisters started crying. Iram grinned and asked her sisters to stop crying.

Iram said: "These candies are for three of us."

"But we want all of us to get equally" cried Iram's two sisters.

Iram asked them to calm down and started grouping the candies.

"One, two, three.. one, two, three.." She kept on putting one candy in each of the three groups. Once she was done, her sisters started counting the number of candies in each group. They were so excited to see six candies in each group.

"Silly sisters! No need to count. There are altogether 18 candies.

$18/3=6$ . So, each of us is getting six candies."



Since Iram knows grouping, she easily distributed the candies equally among the three of them. Had she not known grouping, her sisters would have created a tough time for her and her dad.



THE END

## BLURB

Iram had only two boxes of candies. But She needs to share the candies equally among three people, Iram and her two sisters. Using mathematical operations, she managed to share the candies into three equal groups.



## ABOUT THE AUTHOR

I am Iram Inaz. I am 8 years old. I live in Maradhoo, Addu. I am studying in Sharafuddin School, Hithadhoo, Addu, Maldives.

I love maths and it is amazing to see maths everywhere and in everything I do.