

THE 2021 YOUNG MATHEMATICAL STORY AUTHOR (YMSA) COMPETITION

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

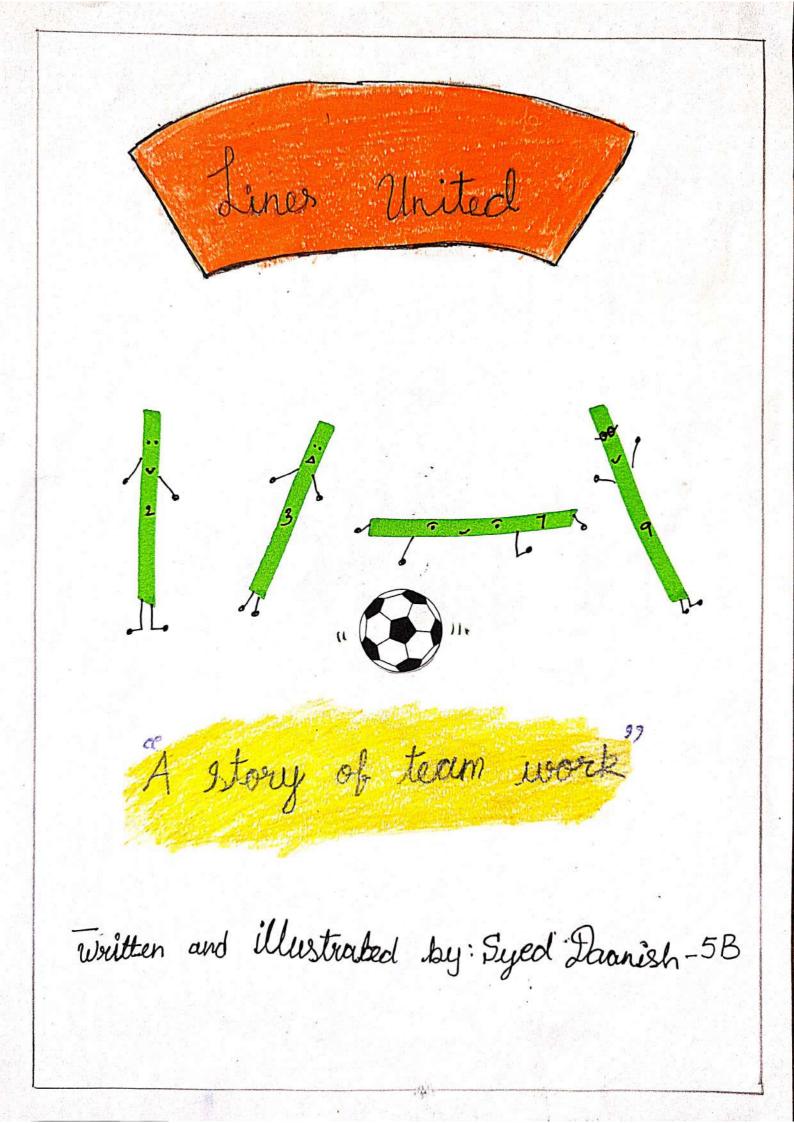
## SHORTLISTED

'Lines United' by Syed Daanish Hussain (10 years old) at The Grandeur International School (India)

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

www.mathsthroughstories.org/ymsa2021

**#YMSAMaths** 



The shape land stadium was very well known for hosting football matches. Joday, the stadium has been reserved for horizontal lines and vertical lines.

A large audience of symbols and numbers from the math worded had gathered to see the bamous match between horizontal and vertical lines.

3x+ x x 3x x =1/2

φ

VL

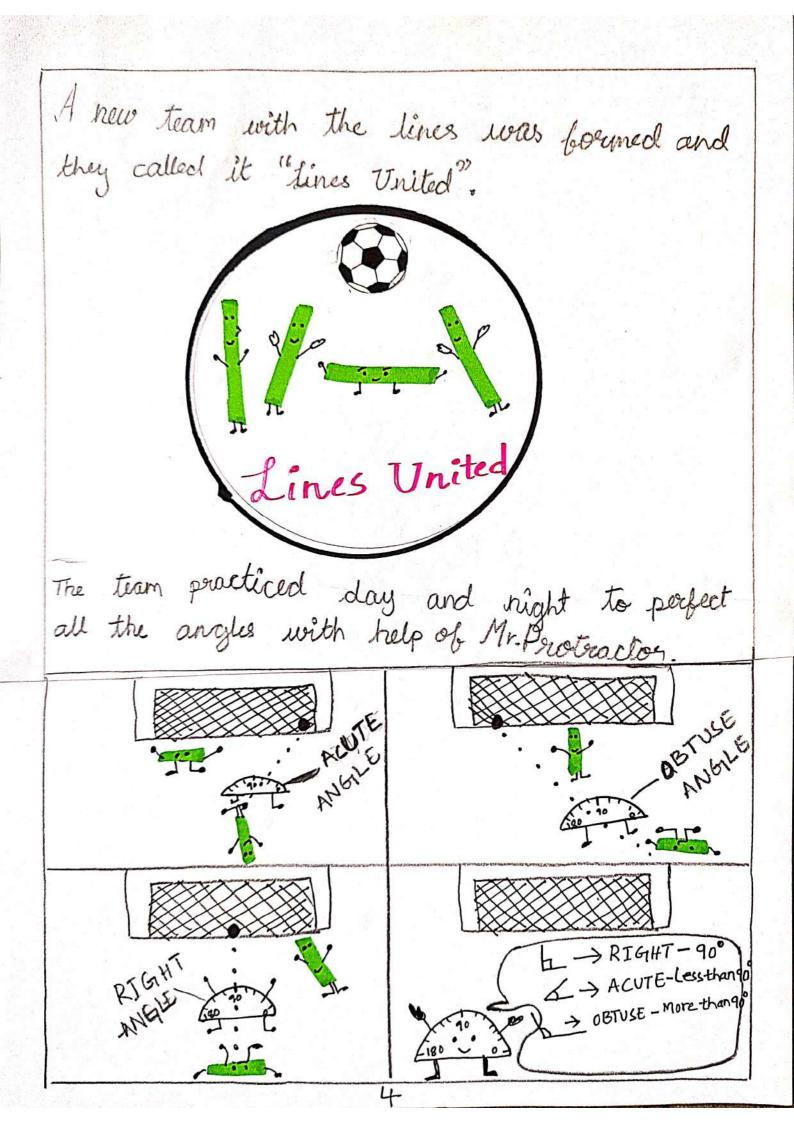
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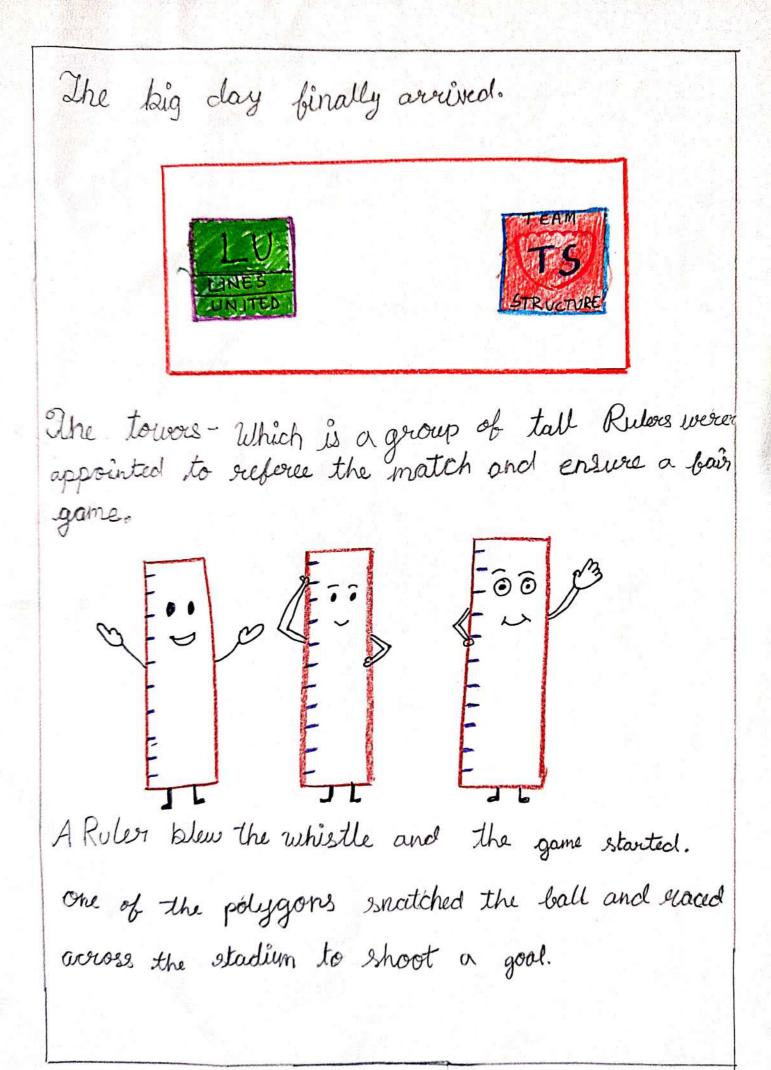
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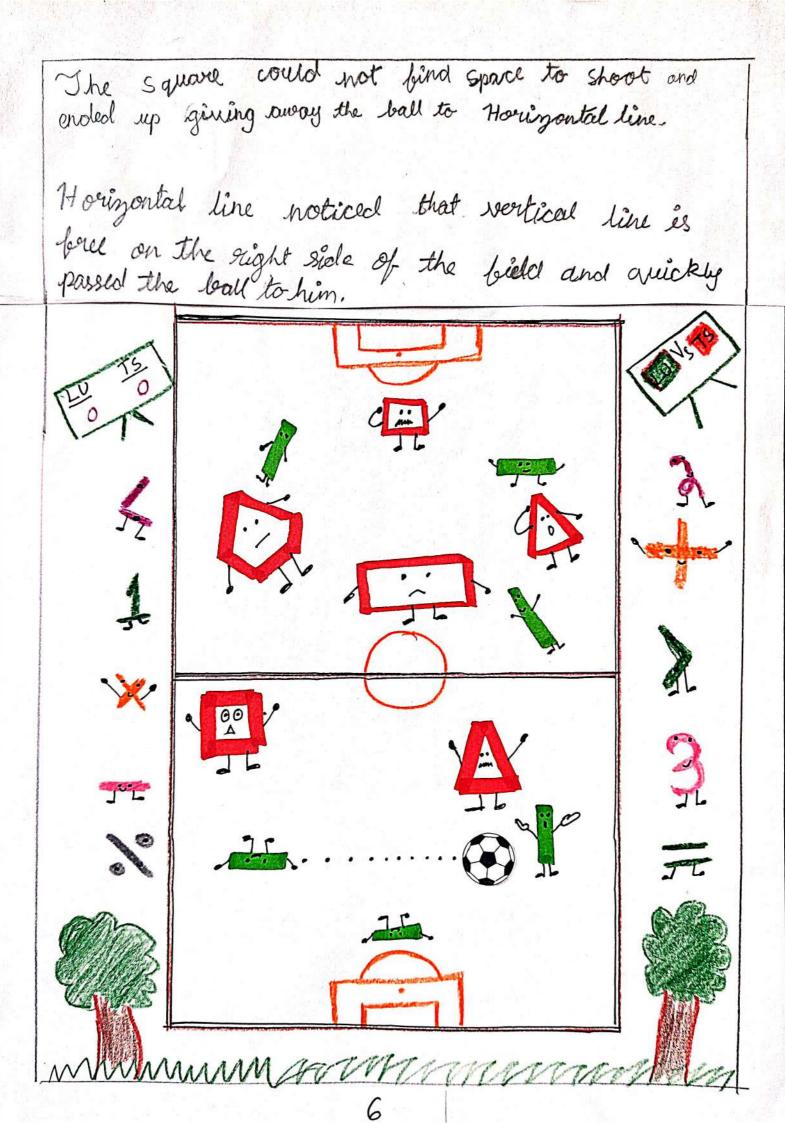
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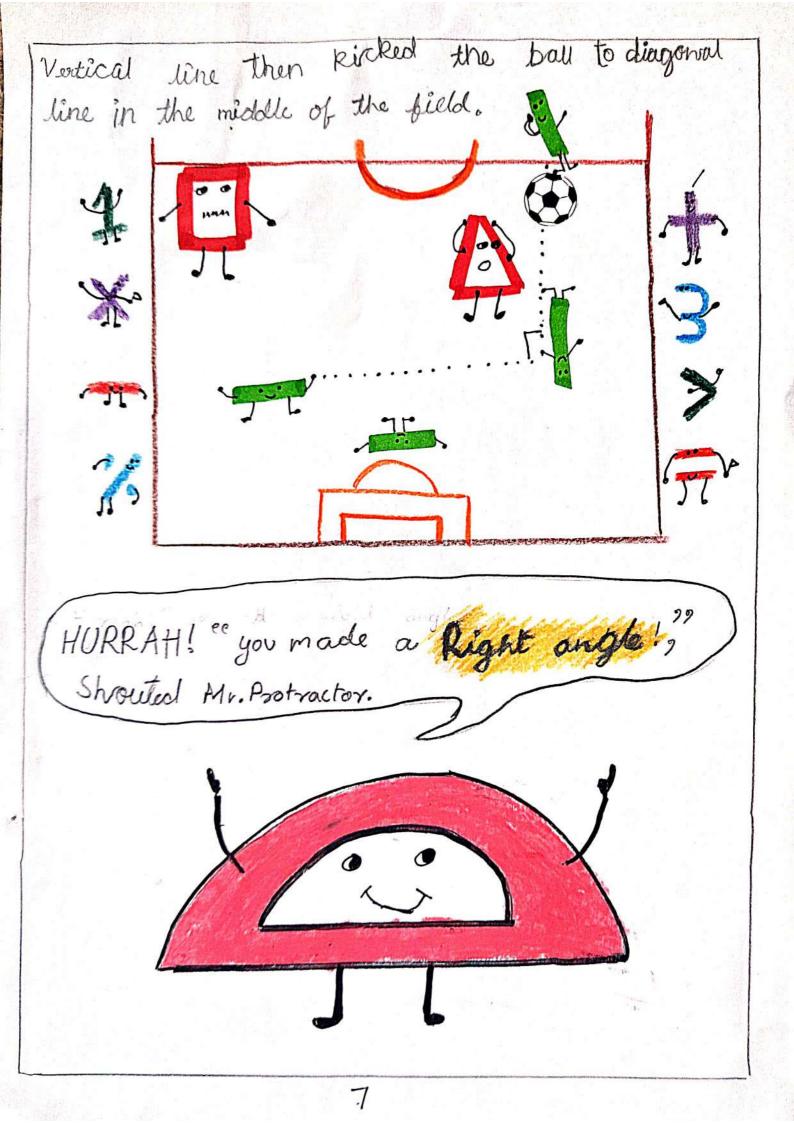
Suddenly a group of polygons come charging in and said, We challenge you a match of) "We pre term. STRUCTURE. No team has even scored a gail againing US. 97 Football 6 ~ 6 A little horizontal line said," We accept the challenge?" Your team is all about in simple lines we will win this for sure, lines one nothing; Will then a use will play here at the , shape Land stadium cocactly refler one month?, said Hescagon. said Rectangle 200 0 · · As soon as the polygons left, one of the lines said we will never wir against the physically strong polygons. 2

the horizontal line said? No team has ever leaten now that we have accepted the challenge let is find how to defeat them! the polygons in the game of football what chance do we have? said the vertical lin. 6 11 The smoot horizontal line intorrupted and said, team up with the diagonal line team and sick guidance from their coach Mr. Protractor." One of the line asked, "Who is Mr. protractor? Vertical line raid," He will help us to measure and goal in a perfect angle". You know bootball is all about angles. WODW III?

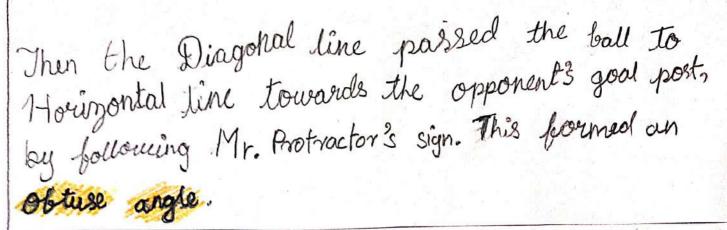


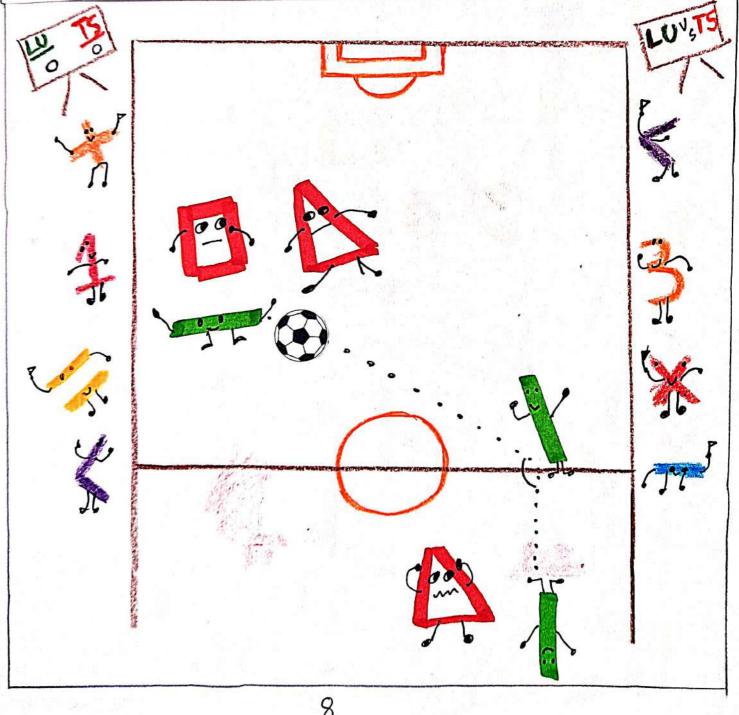






Then Mr. Protractor gave a sigh to make an Obtuse angle.





The goal post was near but it was entirely guanded on the left by big polygon defendors, the only way to score a goal was to pass it to an agile diagonal line on the left side who had a clear shot at the goal. Horizontal line passed the ball to digonal line to the left side. + 16 A Sr St Signational line year as he could. He connected with the ball and kicked the ball at an Acute angle to score a geal !!!

