

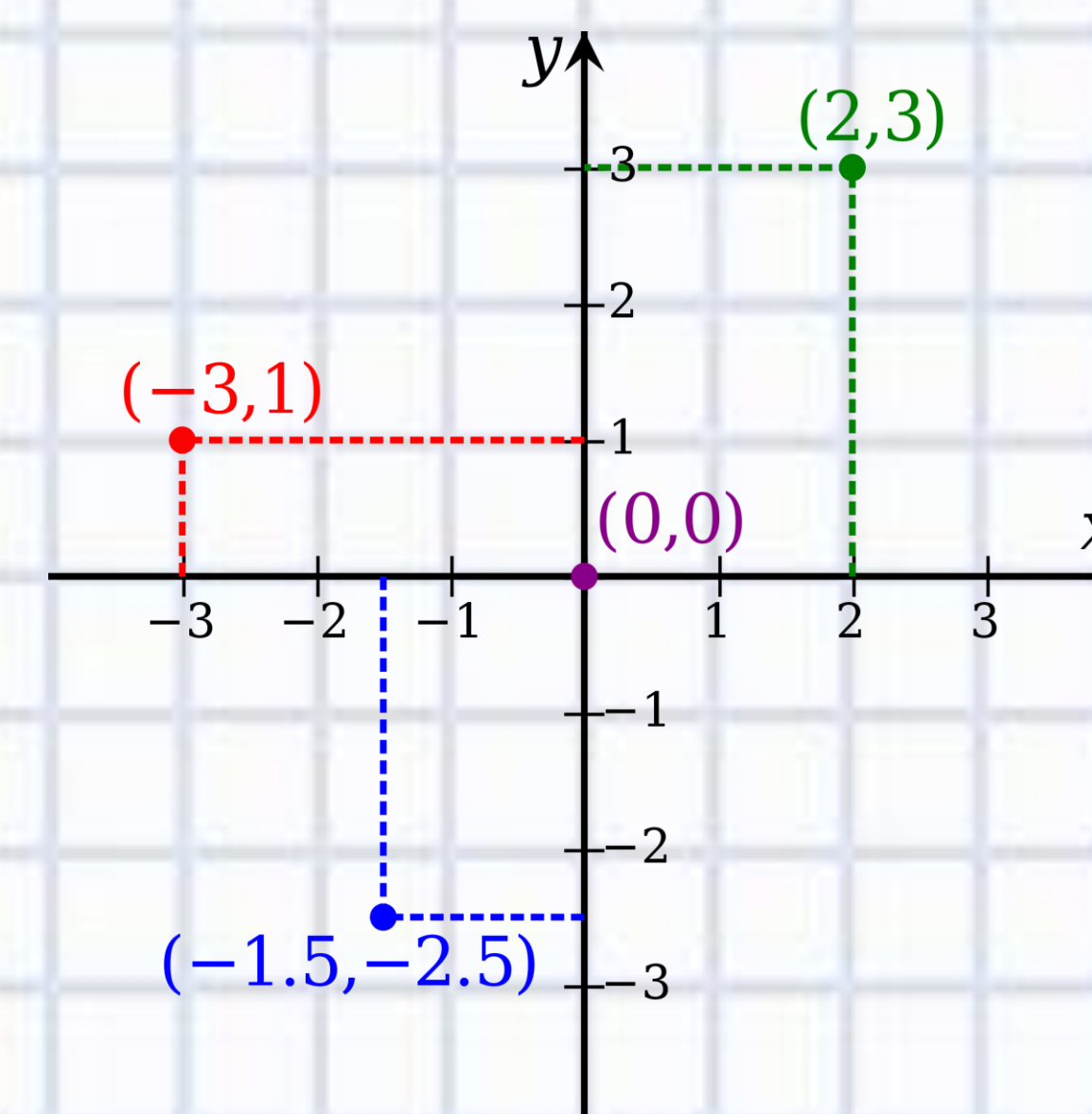


Problem Statement

In the United States of America, a lack of engagement and interest in the classroom prohibits students from learning math. Students can become easily disengaged and potentially withdraw from the learning environment.

Solution

A coordinate plane activity that utilized the floors tiles as a coordinate plane. The activity got students out of their seats and engaged in the lesson.



Activity

- The students got into small groups and made a coordinate plane using the floor tiles
- The students then answered questions about the coordinate plane

Plot and label the following points on the coordinate plane to the left.

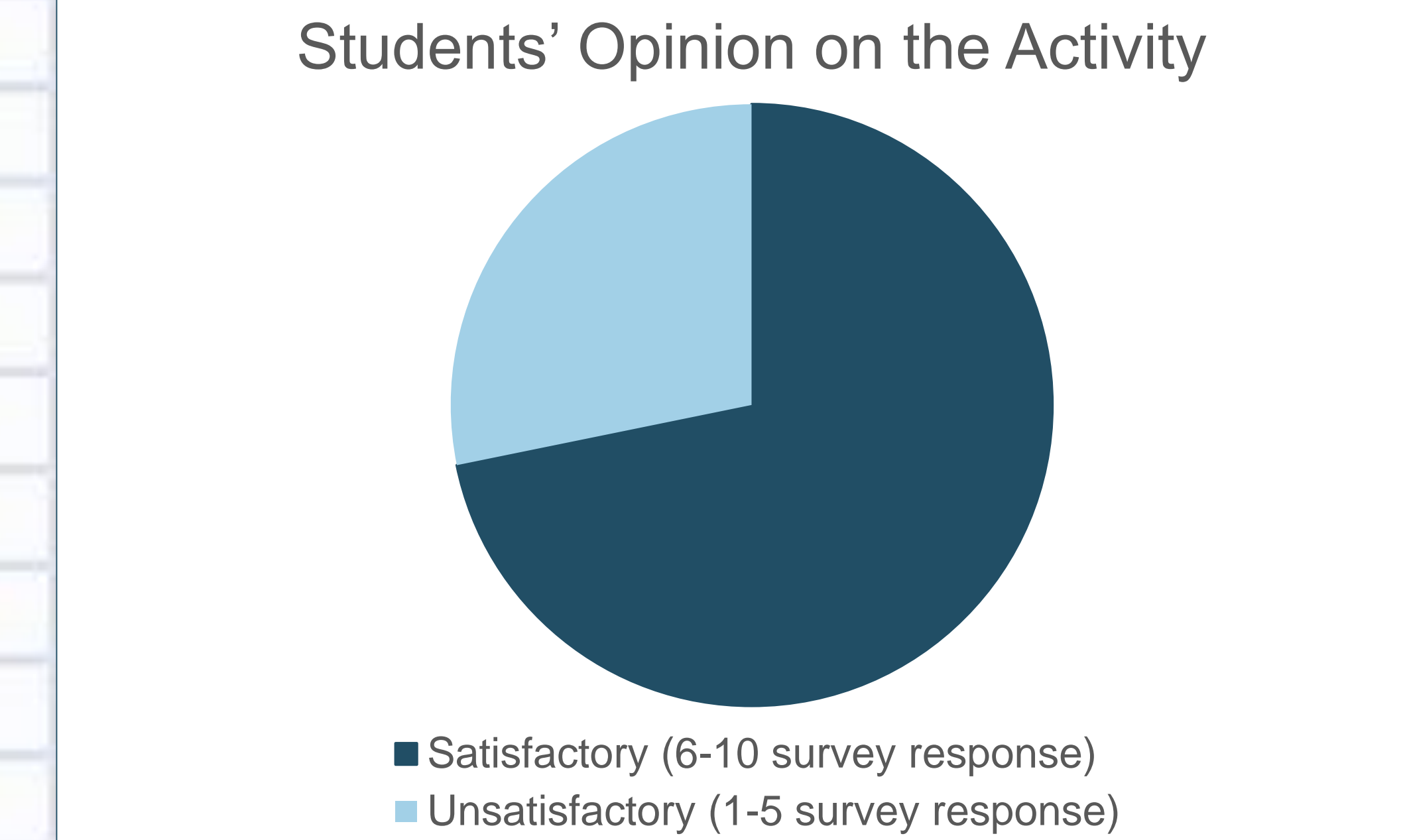
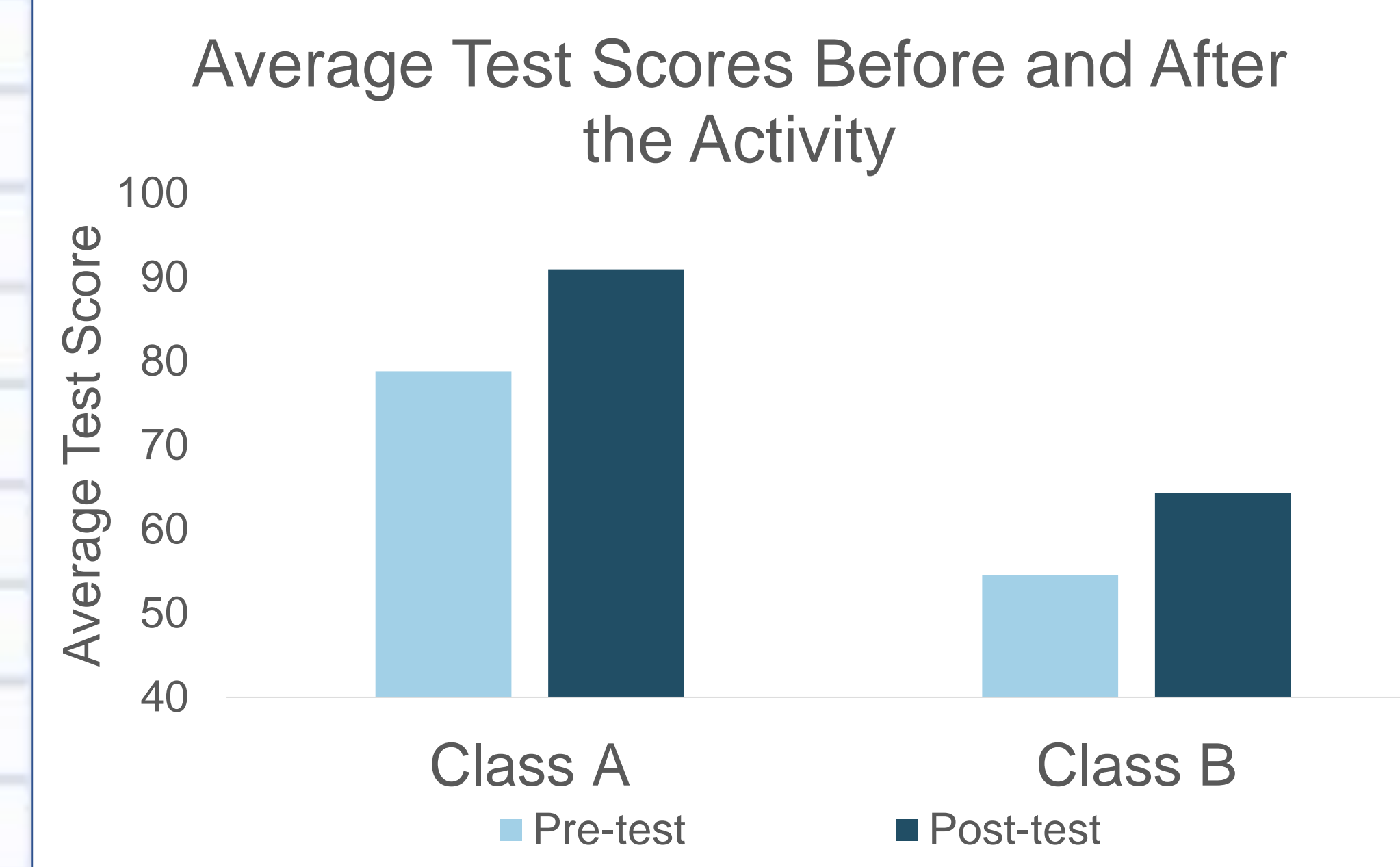
7. Label the 4 Quadrants
8. M (-1, 1)
9. A (-3, 1)
10. T (-1, -1)
11. H (-3, -1)
12. R (6, 6)
13. O (-7, 0)
14. X (-1, 5)

Assessments

- Students took a pre test and a post test on coordinate planes
- Then the class averages was taken
- The students and teacher also completed a survey

Results

- Most students enjoyed the activity
- Many students explained how they enjoyed moving around to complete the activity
- The activity was simple and easy to implement



Conclusion

- Class A's scores increased by 12.12% Class B's scores increased by 9.74%
- The majority of the students enjoyed the activity
- The activity was successful in both categories investigated

Acknowledgements

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Sources

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