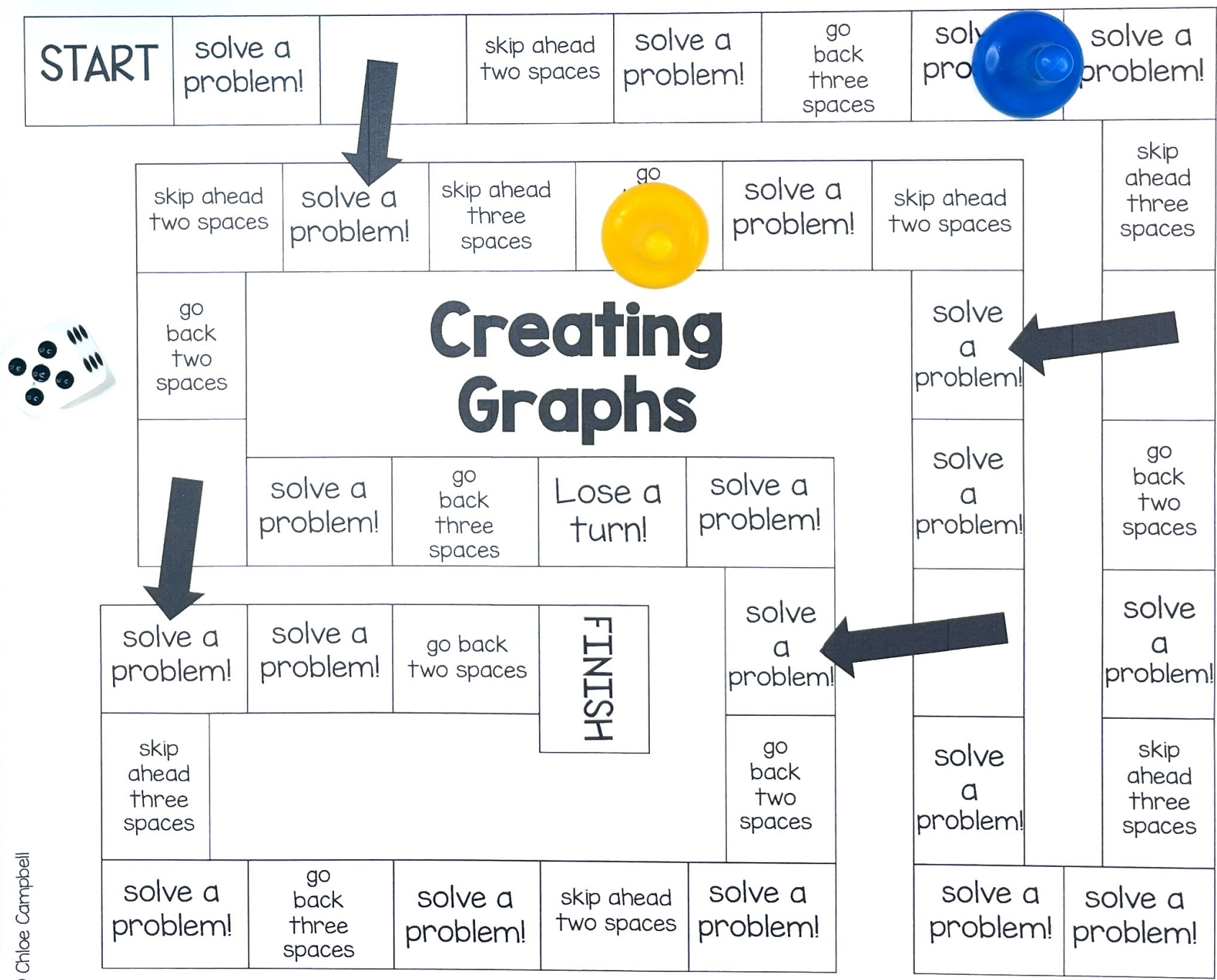




# Creating Graphs



**SCROLL**  
to take a look inside!



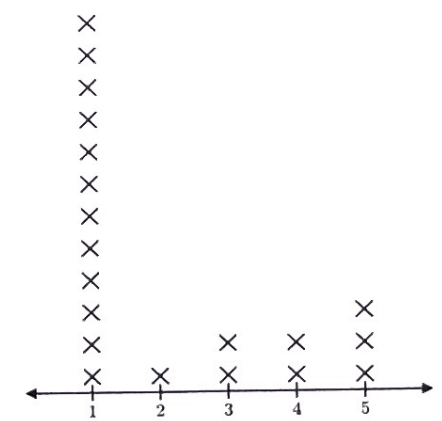
# 20 Problems Included:



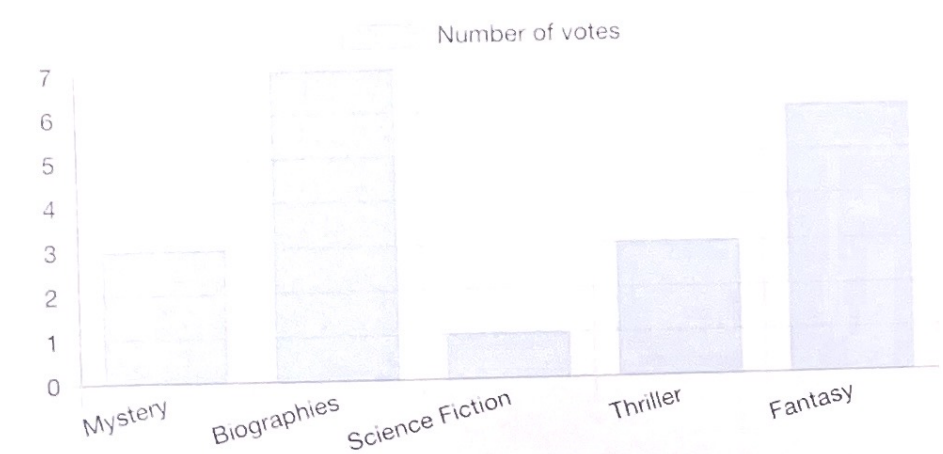
13 - The numbers below are a basketball team's scores over its 18-game season. Create a stem and leaf plot (with 7|0=70 as the key) to represent the data.

65, 59, 56, 67, 72, 55, 70, 55, 71, 64, 61, 68, 52, 58, 70, 70, 52, 55

14 - A group of moviegoers are asked to rate the movie they just watched on a scale of 1 to 5 stars. Their responses were compiled into a line plot based on each moviegoer's score. Represent this data as a circle graph based on the percent of total responses that belong to each star-numbered score.

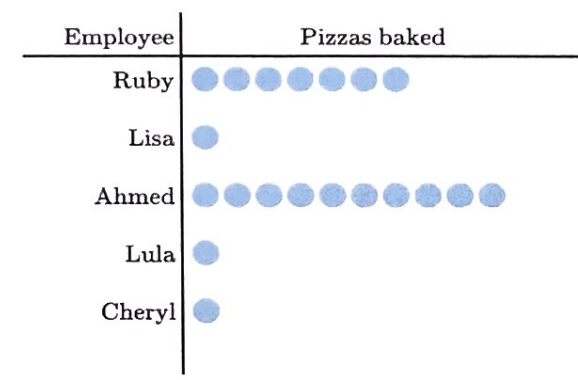


16 - A group of customers at a book store was asked about their favorite book genre. The results of this survey are compiled in the following bar chart. Represent this data as a circle graph based on the percent of total responses that belong to each category.



15 - A pizzeria owner creates a chart for his five employees to keep track of their work. Each time an employee bakes a pizza, they are asked to add a sticker next to their name. By the end of the day, the chart looks as follows.

Represent this data as a circle graph based on the percent of total served pizzas that each employee at the pizzeria baked.





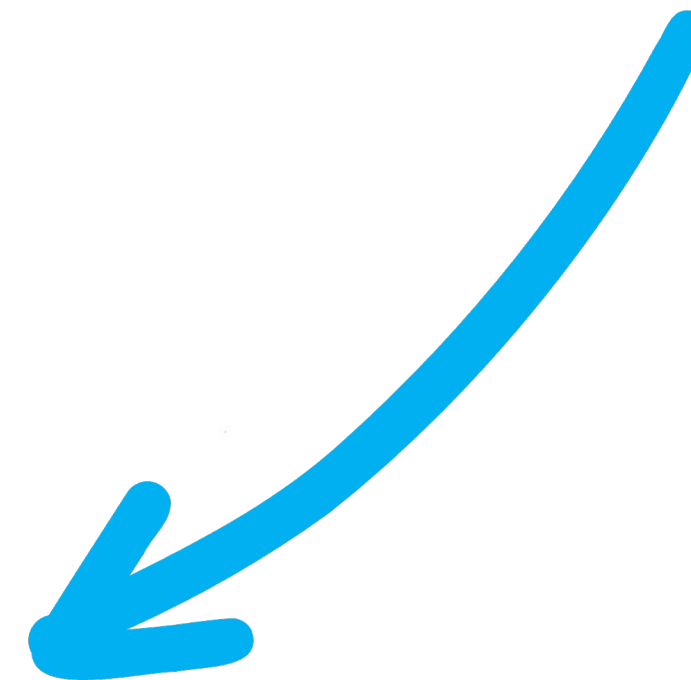
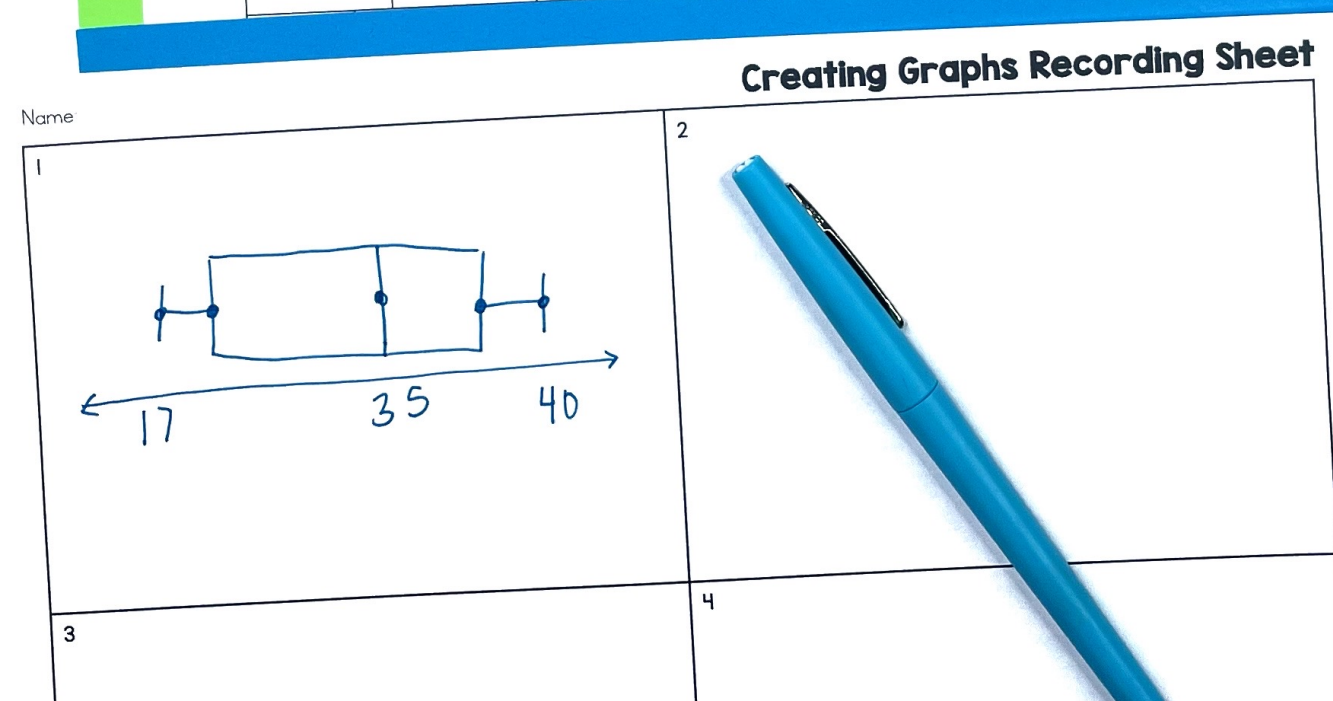
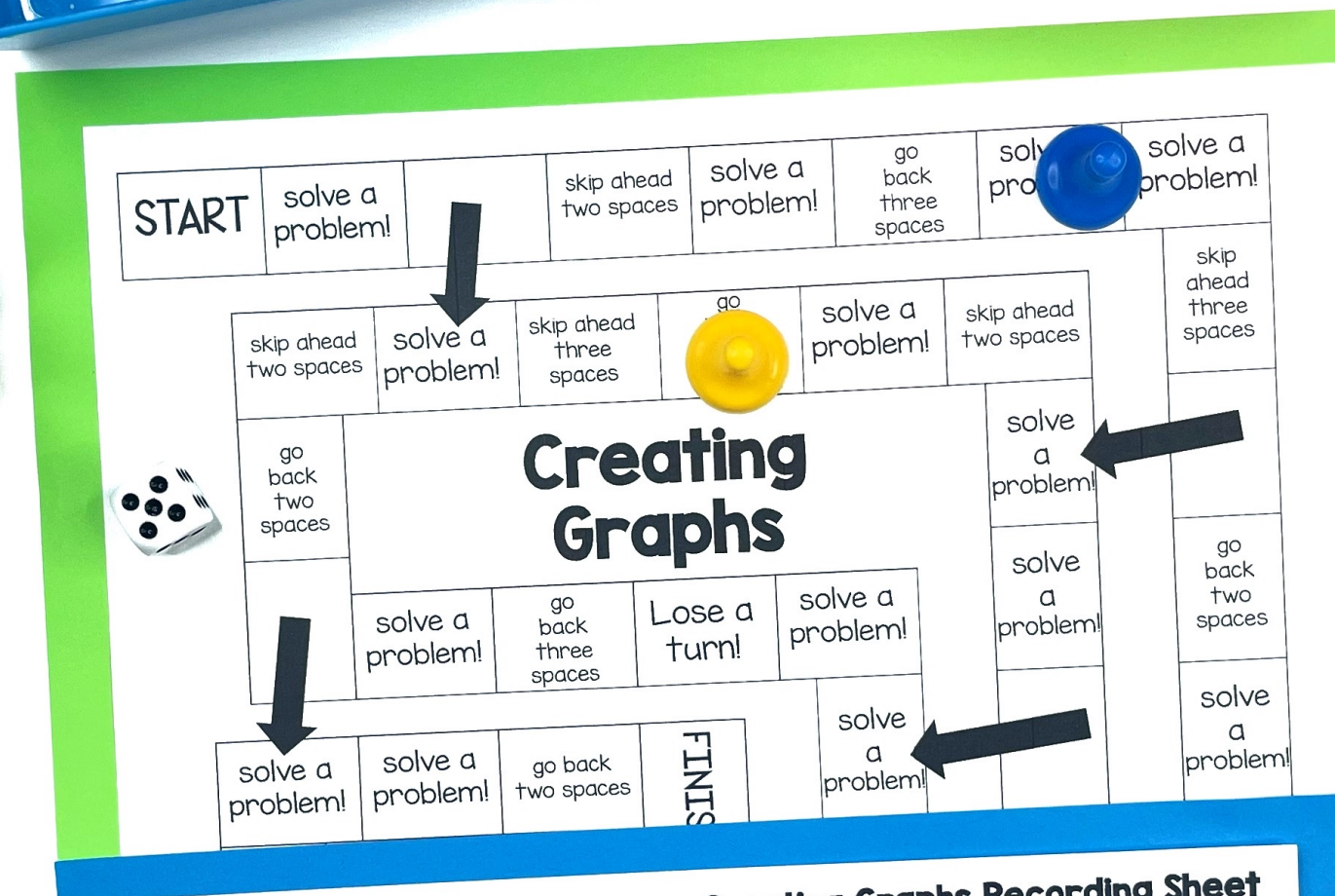
# You'll Receive

- ★ Teacher Tips
- ★ Student Directions
- ★ Printable Math Board Game
- ★ Recording Sheet
- ★ Answer Key





# Student Recording Sheet





# HAPPY TEACHERS SAID...

“ This was a hit during centers. All students were engaged, and better yet – learning! Love this! ”

“ My students love playing games and a simple, easy prep game like this is a great addition to math centers, early finisher activities, and review days. ”

“ These are great for small group stations! What a fun task card adaptation. Students get to play a fun and competitive board game, but they also get to practice learning. Plus, the recording sheet makes it easy to grade and monitor student progress; they aren't just playing they are actively learning and participating with evidence of ability. Great resource! ”



# What's the Best Way to Use this Game?

- ✓ Math Centers or Stations
  - ✓ Whole Group Practice
    - ✓ Morning Work
    - ✓ Partner Activity
    - ✓ Early Finisher Tasks
      - ✓ Substitutes



# Tips for Playing Math Games:

- ★ Read the directions to the students and model how to play.
- ★ Be prepared with dice/spinner and game pieces for each player (paperclips, pencil top erasers, pieces from another game, etc.)
- ★ Every student should solve every problem – not just the person who rolls.
- ★ Create groups of 2-4 students. The lower number of students means the more focused students are while playing.



# Tips for Playing Math Games:

- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a different strategy or help coach each other through the problem.



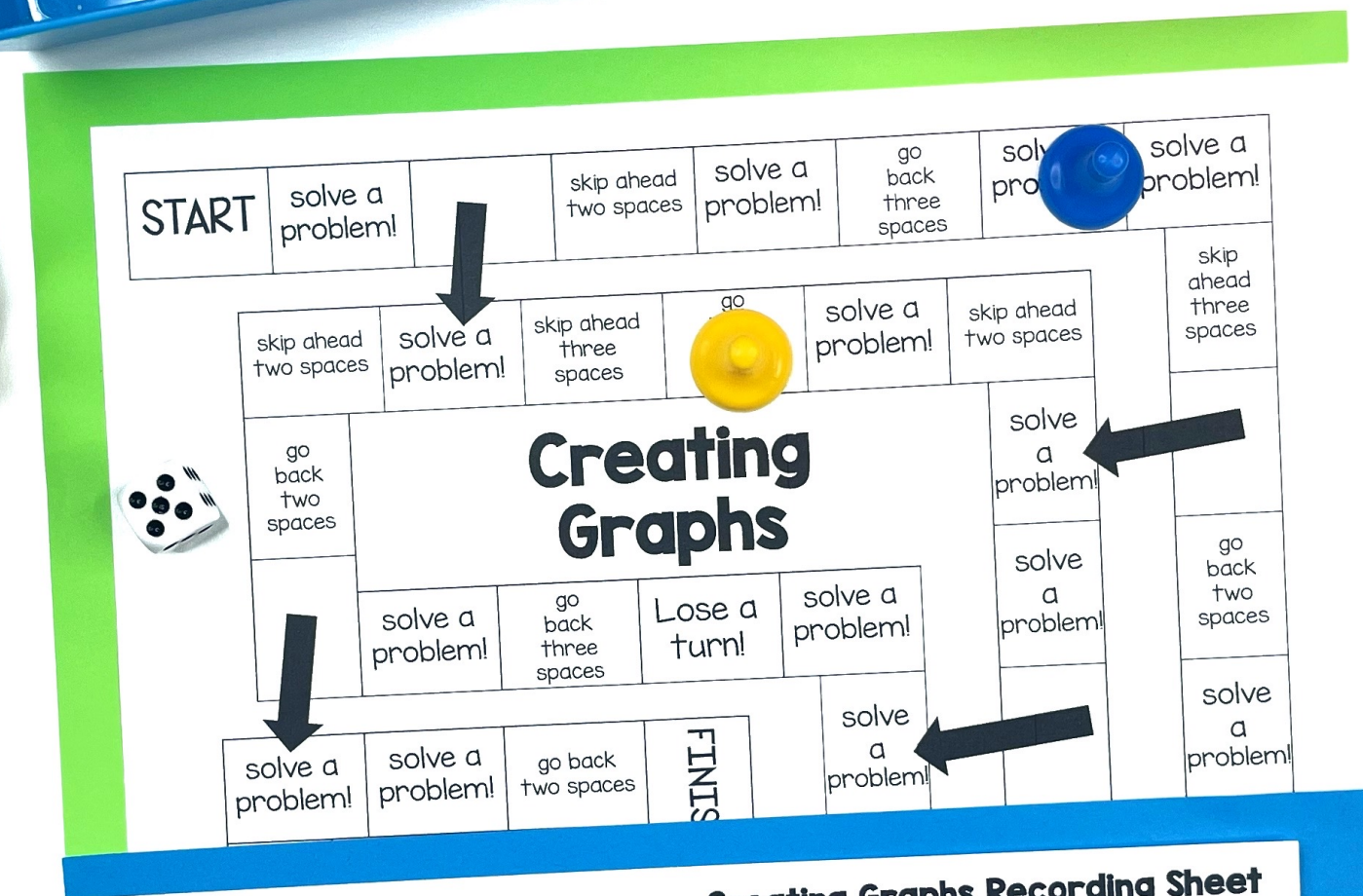
# Why Board Games?

Research shows that  
challenge-based gamification in  
the classroom lead to an increase  
of 34.755% in student performance

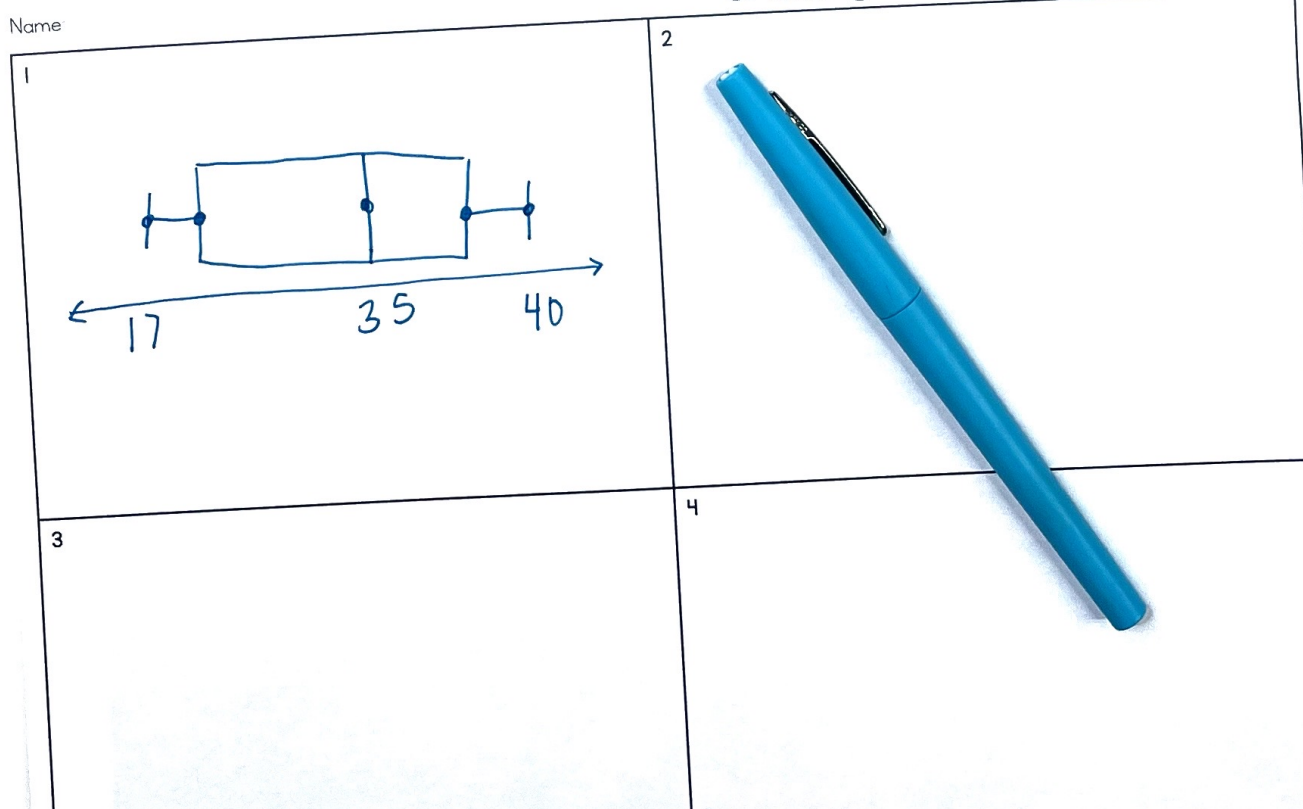
(ScienceDirect, 2020).



Students  
won't  
even  
realize  
they are  
learning!



Creating Graphs Recording Sheet



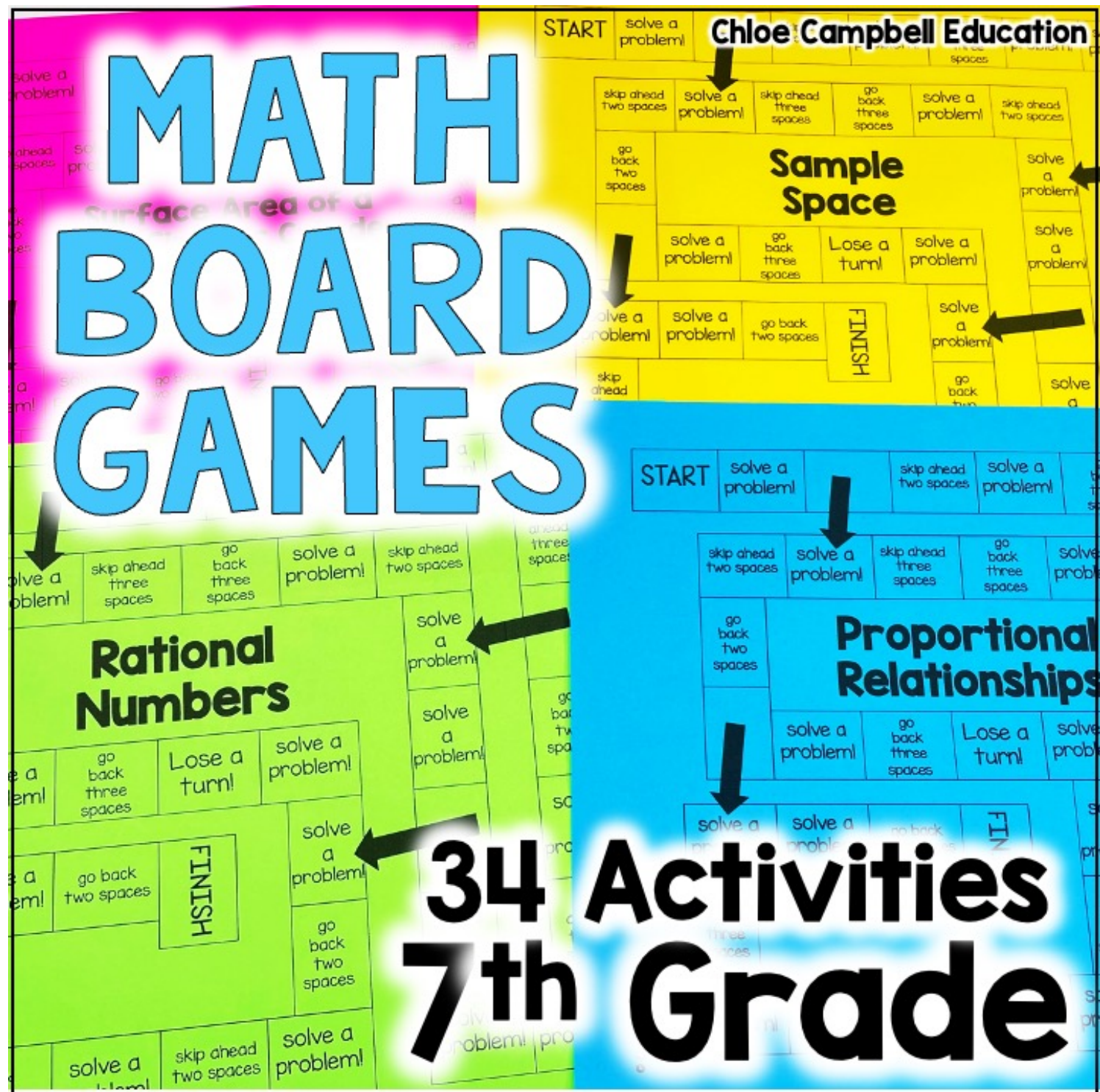


# ADD TO CART

Purchase now to see  
student engagement  
and student  
achievement increase!



# Save MONEY and Get the BUNDLE!



Click  
Here for  
the  
Bundle!