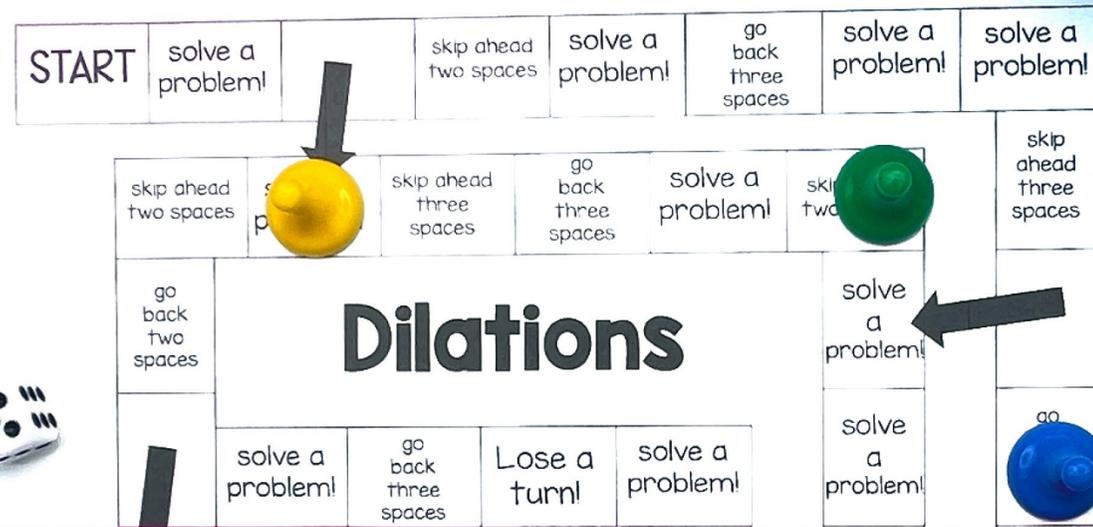


Dilations & Scale Factors



Name _____

Dilations Recording Sheet

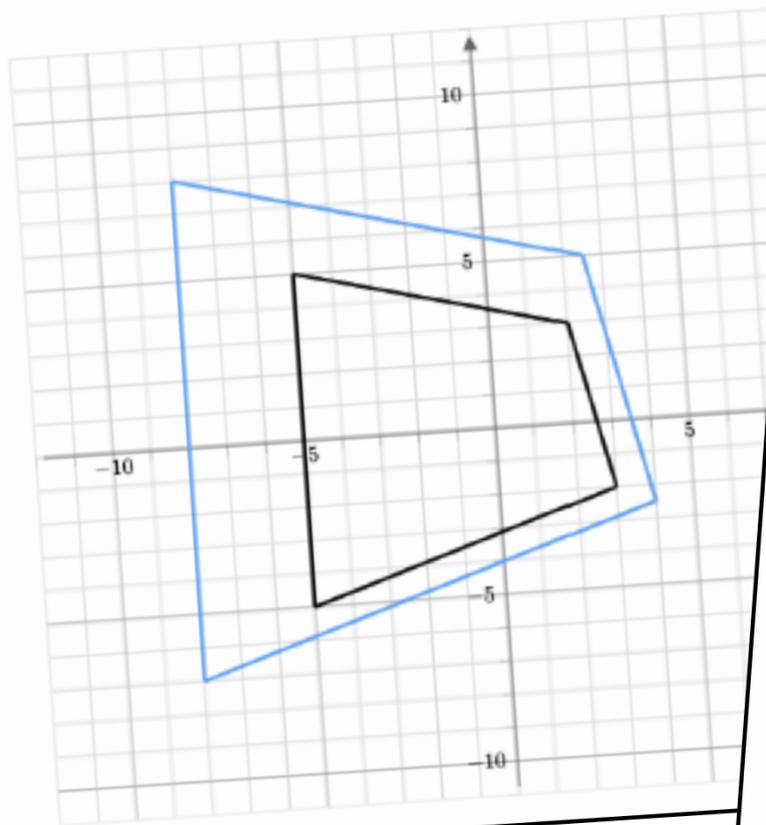
1	$\frac{3}{2}$	2	3	3	2	4	$\frac{3}{2}$
5	2	6	$\frac{1}{2}$	7	3	8	$\frac{5}{2}$
9	2	10	2	11	$\frac{1}{2}$	12	$\frac{5}{2}$
13		14		15			
17		18		19			

SCROLL
to take a look inside!

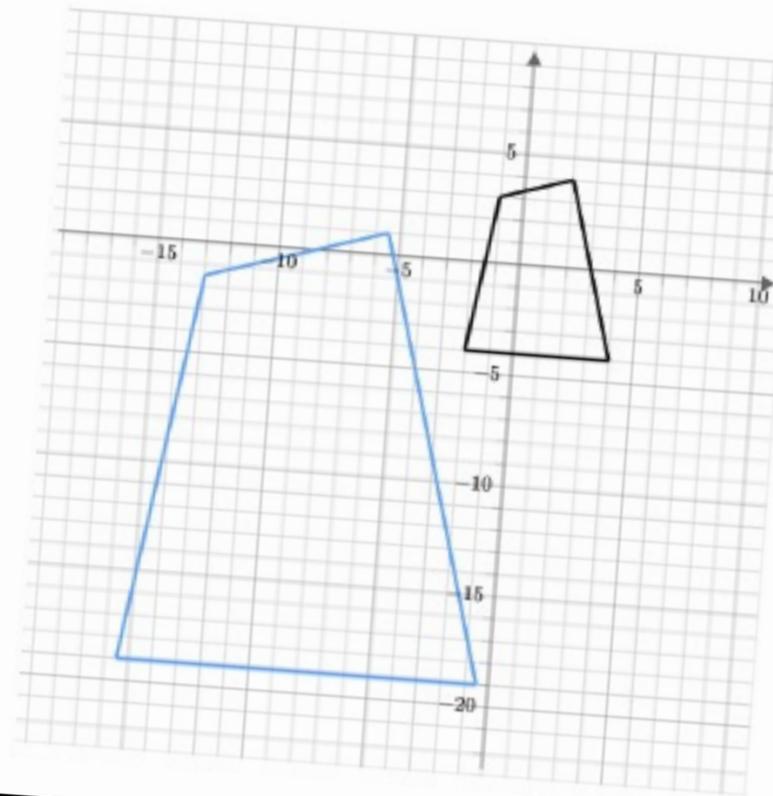
Math Skills Included:

Identify the scale factor that describes the relationship

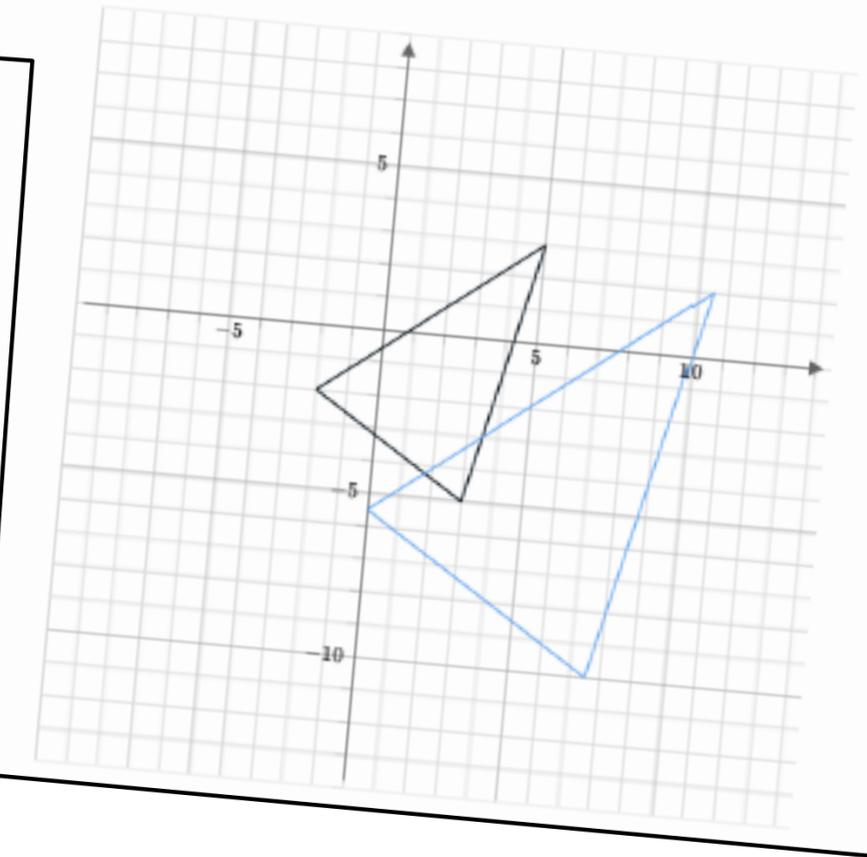
16 - Identify the scale factor.



12 - Identify the scale factor.

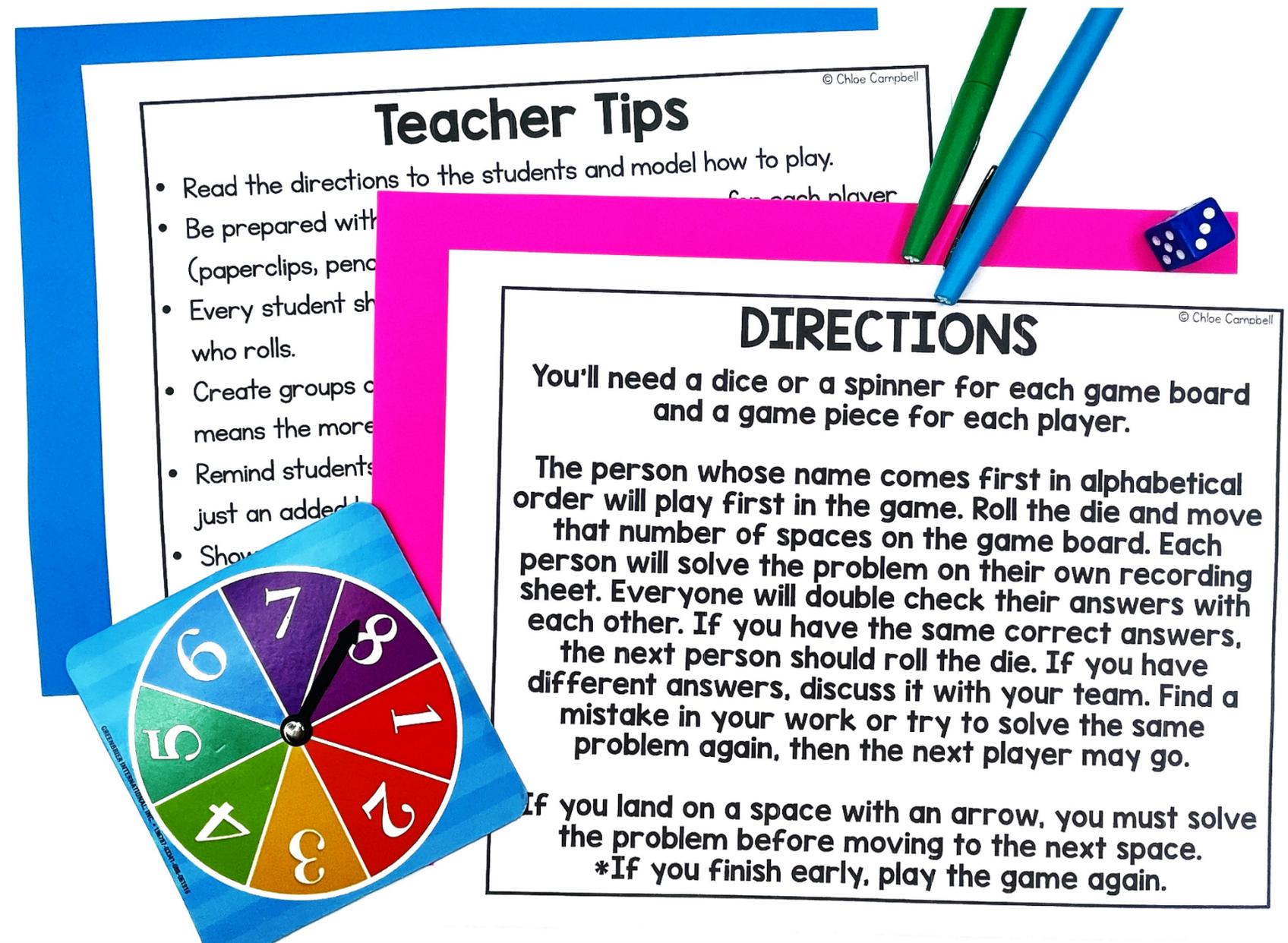


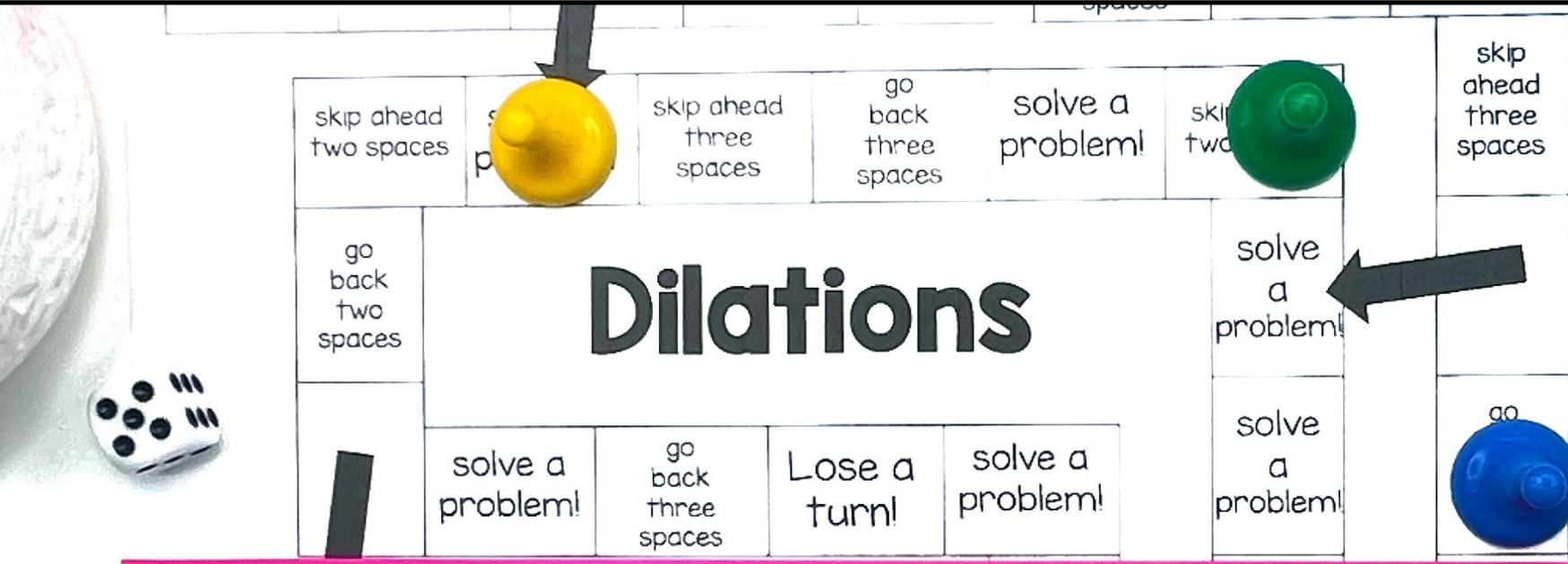
1 - Identify the scale factor.



You'll Receive

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



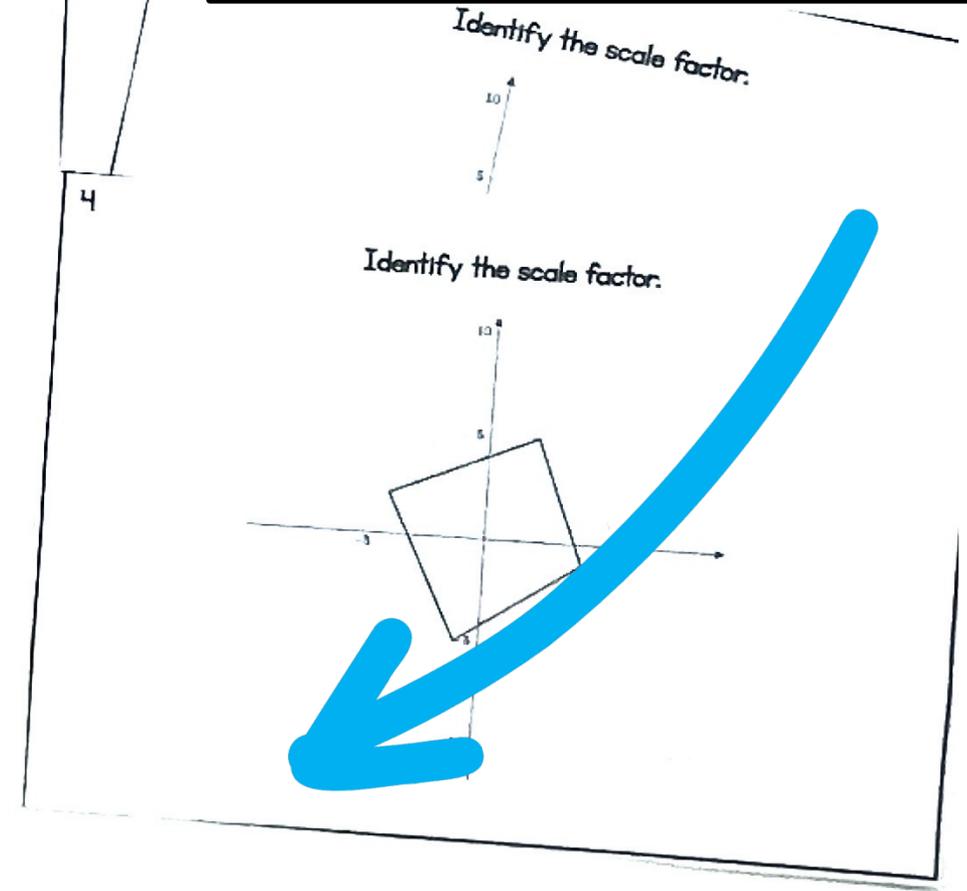


Student Recording Sheet

Name _____

Dilations Recording Sheet

1	$\frac{3}{2}$	2	3	3	2	4	$\frac{3}{2}$
5	2	6	$\frac{1}{2}$	7	$\frac{3}{2}$	8	$\frac{5}{2}$
9	2	10	2	11	$\frac{1}{2}$	12	$\frac{5}{2}$
13		14		15			
17		18		19			



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).

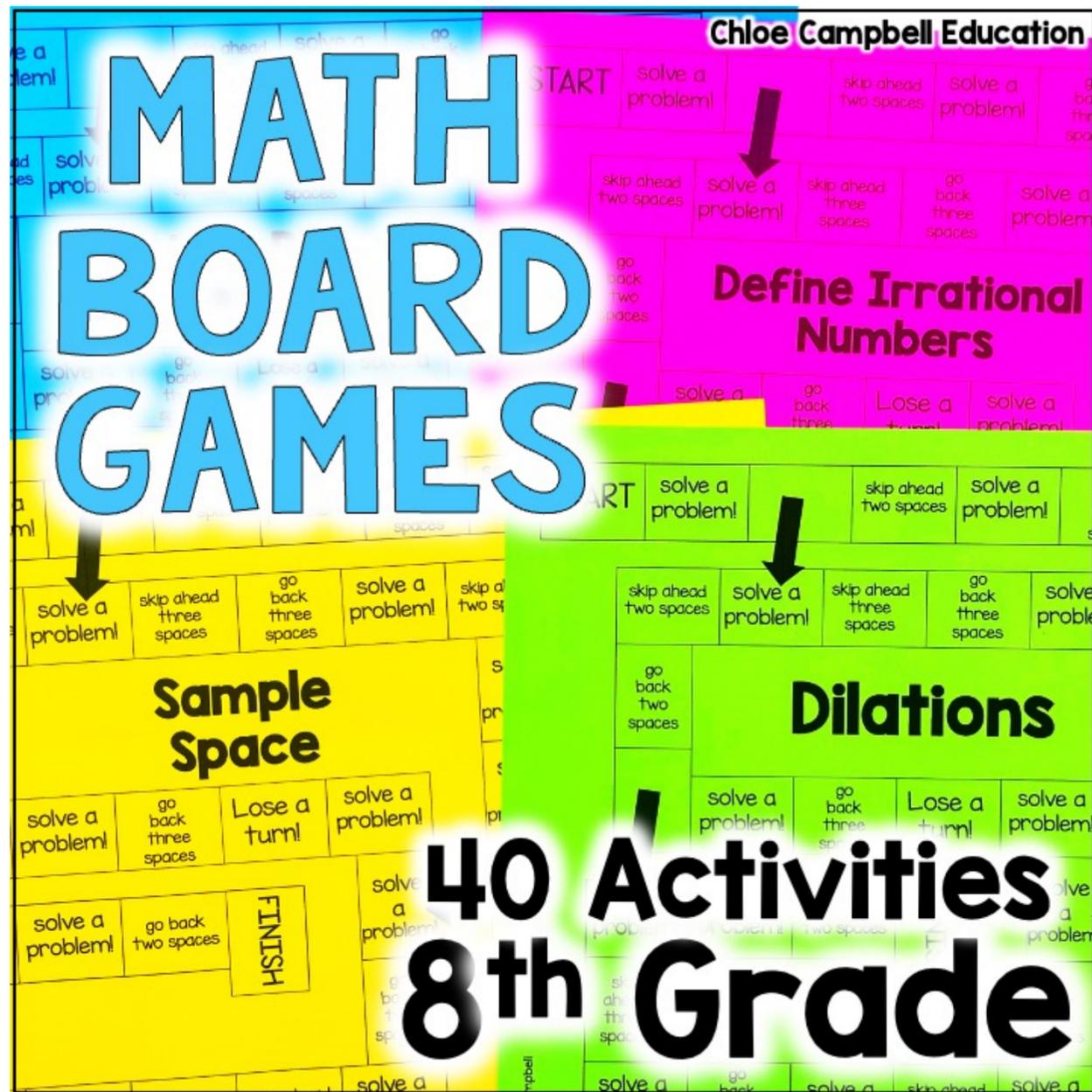
Students won't even realize they are learning!

The image displays a variety of educational resources for a math activity. At the top, a blue banner contains the text "Students won't even realize they are learning!". Below this, a board game titled "Dilations" is shown. The board is a grid with various instructions such as "solve a problem!", "skip ahead two spaces", and "lose a turn!". A yellow game piece is on the board, and a blue die is nearby. To the right of the board game is a "Dilations Recording Sheet" with a grid for recording results. The grid contains handwritten fractions: 3/2, 3, 2, 3/2, 2, 1/2, 3, 5/2, 2, 2, 1/2, 5/2. A red pen is resting on the recording sheet. To the right of the recording sheet are three worksheets, each with a coordinate plane and the instruction "Identify the scale factor." The worksheets show different geometric shapes being dilated on a coordinate grid.

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