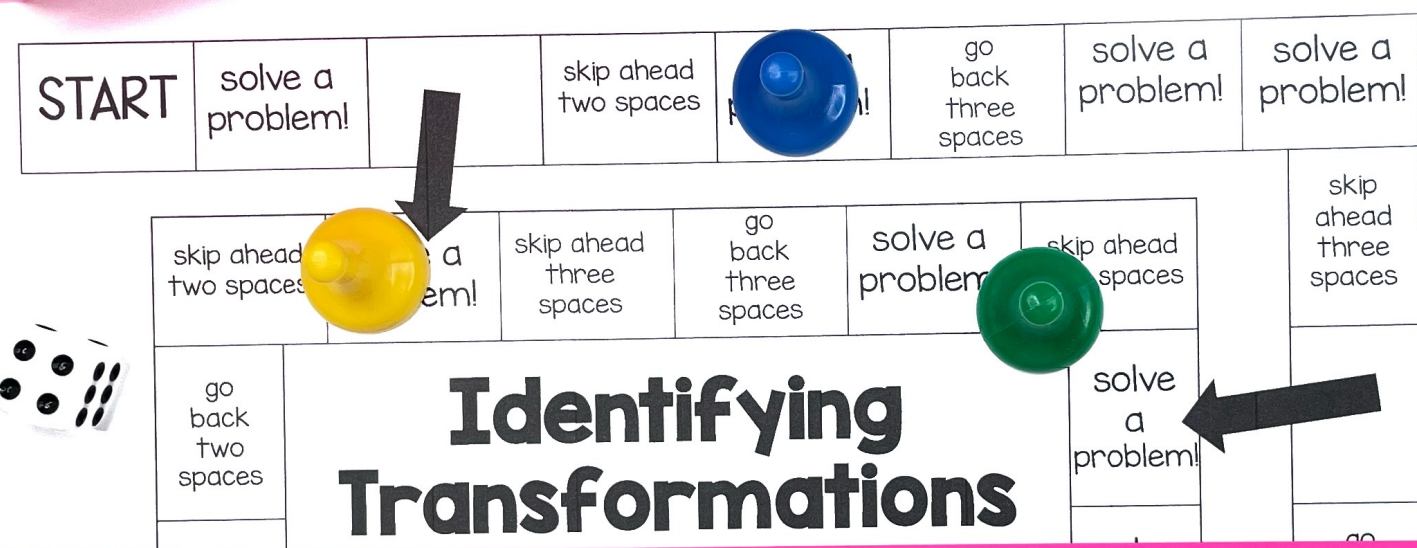


Identifying Transformations



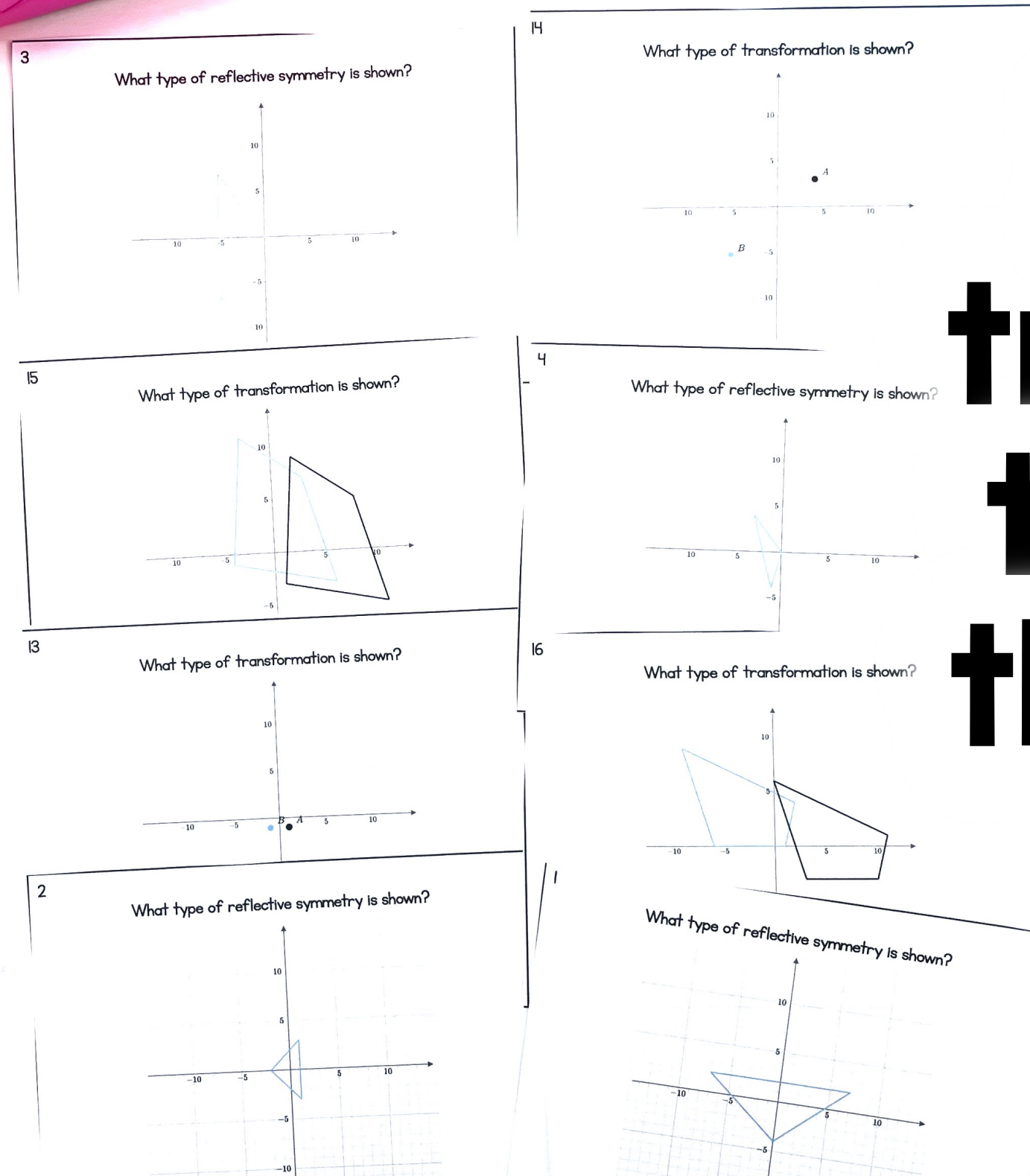
Name: **Identifying Transformations Recording Sheet**

1 Reflective symmetry over y-axis	2 Reflective symmetry over x-axis	3 Reflective symmetry over x-axis	4 Not a true transformation
5 Not a true sym transformation	6 Reflective symmetry over x-axis	7 Not a true transformation	8 Reflective symmetry over the line $y=x$
9 Reflective symmetry over y-axis	10 Reflective symmetry over y-axis	11 Translation	12 Translation
13	14	15	16

SCROLL
to take a look inside!

Math Skills Included:

**Identify the
transformation
that describes
the relationship**



You'll Receive

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



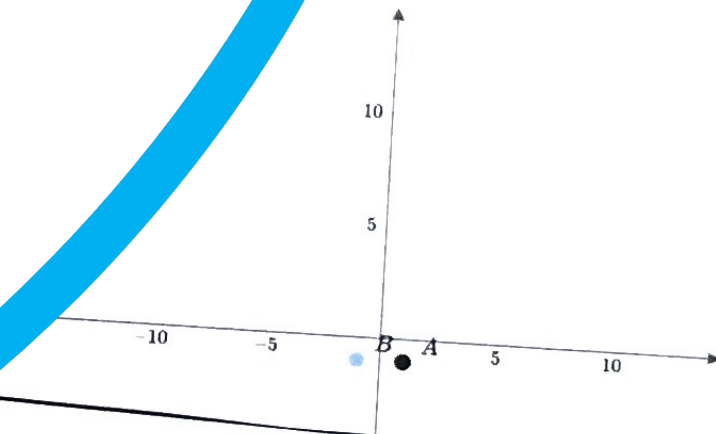
Student Recording Sheet

Identifying Transformations

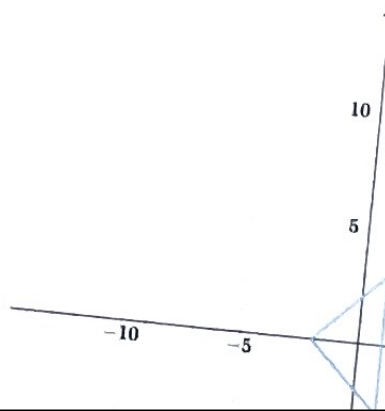
Identifying Transformations Recording Sheet

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13	14	15	16

What type of transformation is shown?



What type of reflective symmetry is shown?



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!

Identifying Transformations

Identifying Transformations Recording Sheet

Name: _____

1 Reflective symmetry over y-axis	2 Reflective symmetry over x-axis	3 Reflective symmetry over x-axis	4 Not a true transformation
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13	14	15	16

What type of reflective symmetry is shown?

What type of transformation is shown?

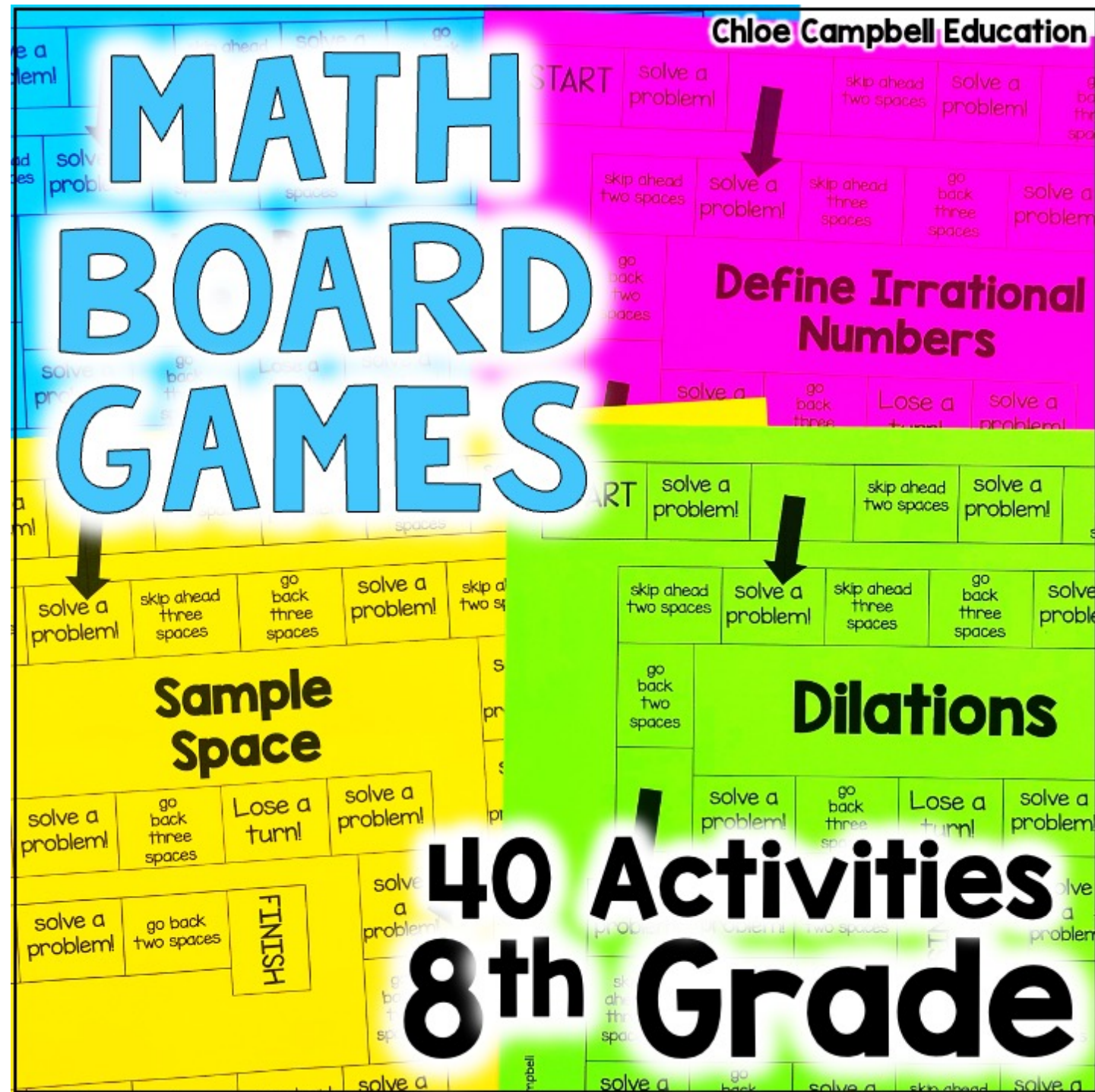
What type of transformation is shown?

What type of reflective symmetry is shown?

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achievement increase!

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