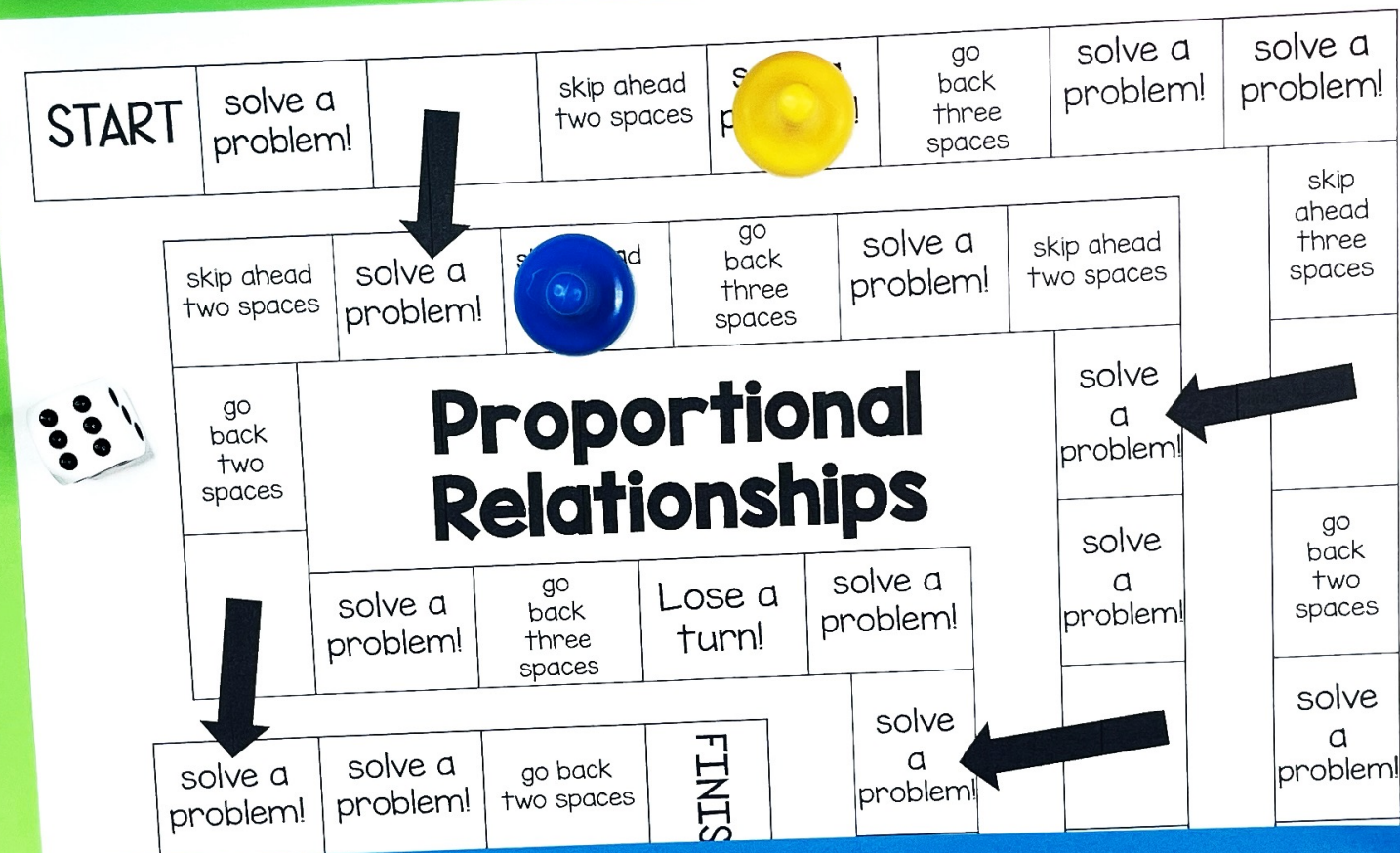


Proportional Relationships



Proportional Relationships Recording Sheet

1	2	3	4
Yes	NO	Yes	Yes
5	6	7	8
No	$y = 27x$	$y = 29x$	$y = 34x$
9	10	11	12
0-0 4-20 12-60 14-76	0-0 1-12 2-84 14-168 21-252		
13	14	15	

SCROLL
to take a look inside!

20 Problems Included:



16
Which equation correctly represents the proportional relationship given in the table below?

x	y
4	14.8
5	18.5
6	22.2

13
An animal shelter needs to buy 5 pounds of cat food for every cat they have. Complete the following table of cats to pounds of cat food.

Cats	Pounds of Cat Food
	35
12	
16	
	147
	182
30	

15
Which equation correctly represents the proportional relationship given in the table below?

x	y
3	10.2
4	13.6
5	17

14
Which equation correctly represents the proportional relationship given in the table below?

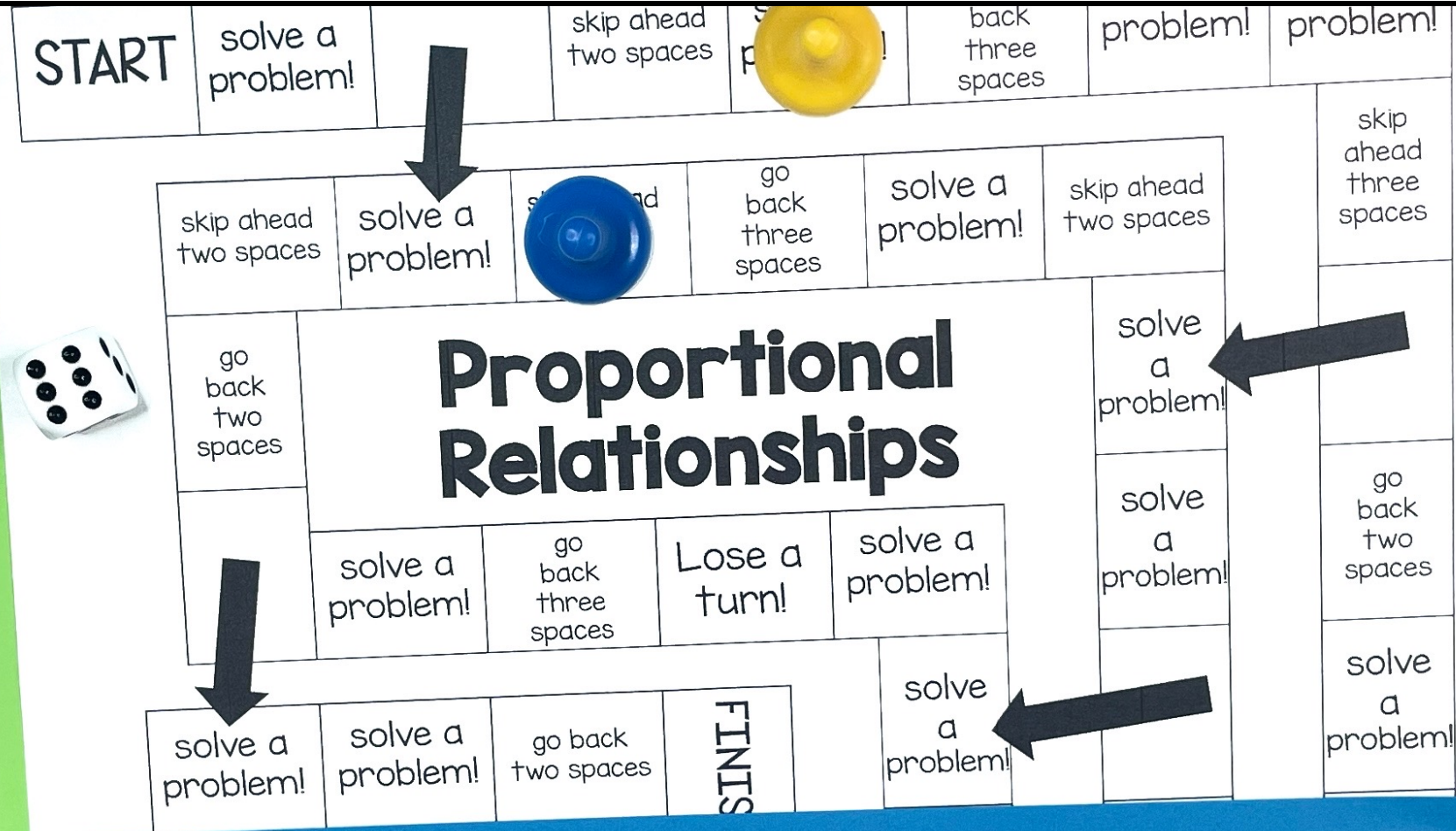
x	y
2	.4
3	.6
4	.8

You'll Receive

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



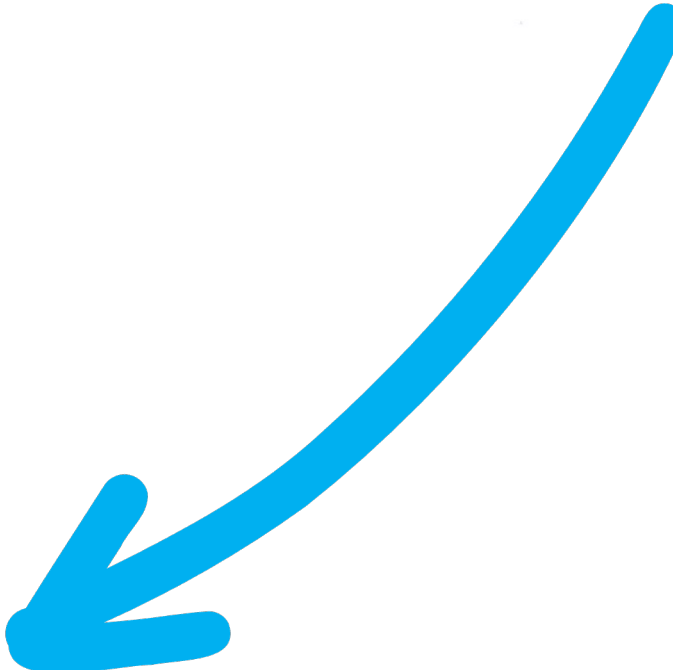
Student Recording Sheet



Name: _____

Proportional Relationships Recording Sheet

1 Yes	2 NO	3 Yes	4 Yes
5 No	6 $y = 27x$	7 $y = 29x$	8 $y = 34x$
9 0-0 4-20 12-60 14-76	10 0-0 1-12 7-84 14-168 21-252	11	12
13	14	15	16
17	18	19	20



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:

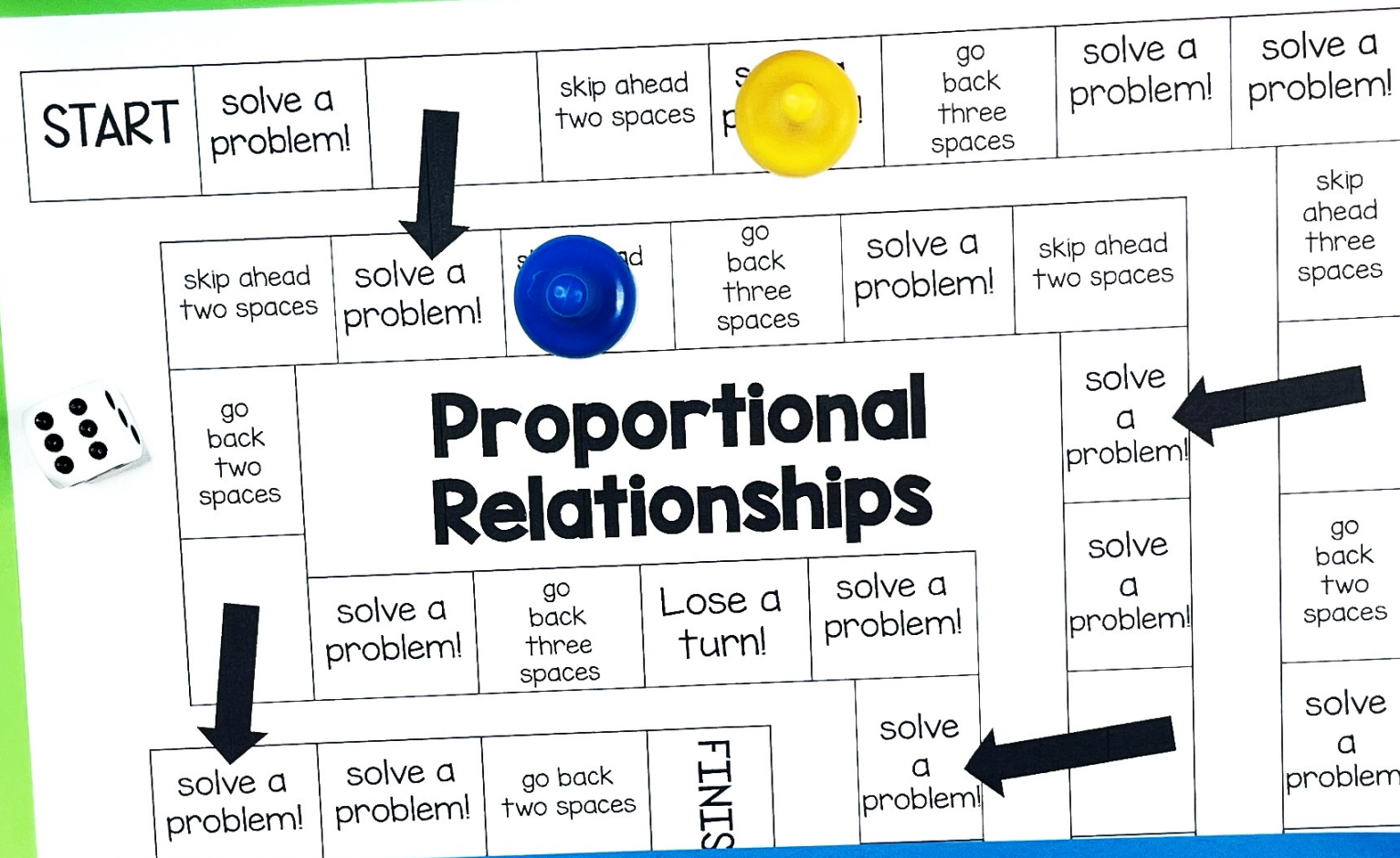
- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a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



Name _____

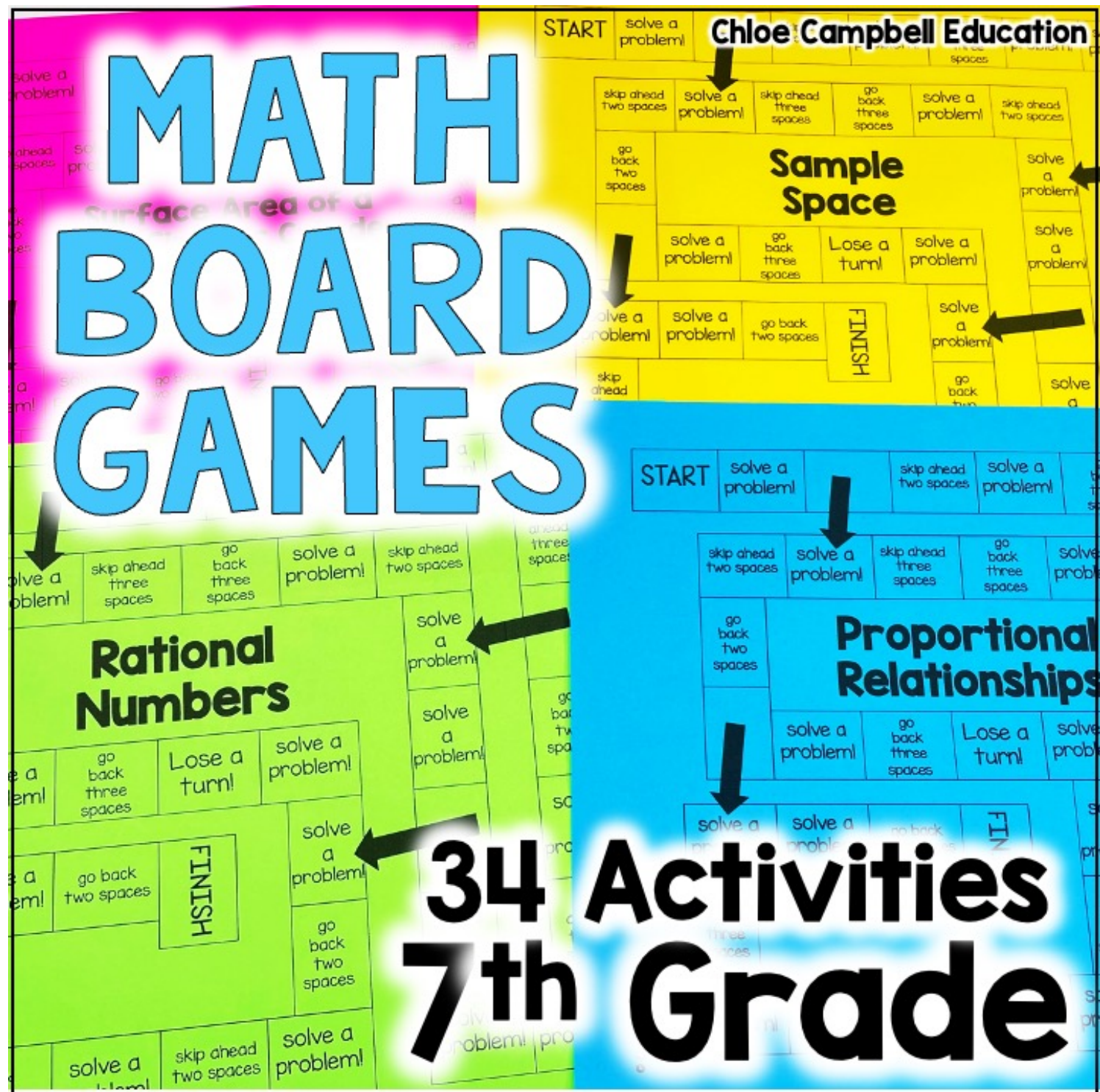
Proportional Relationships Recording Sheet

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achievement increase!

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