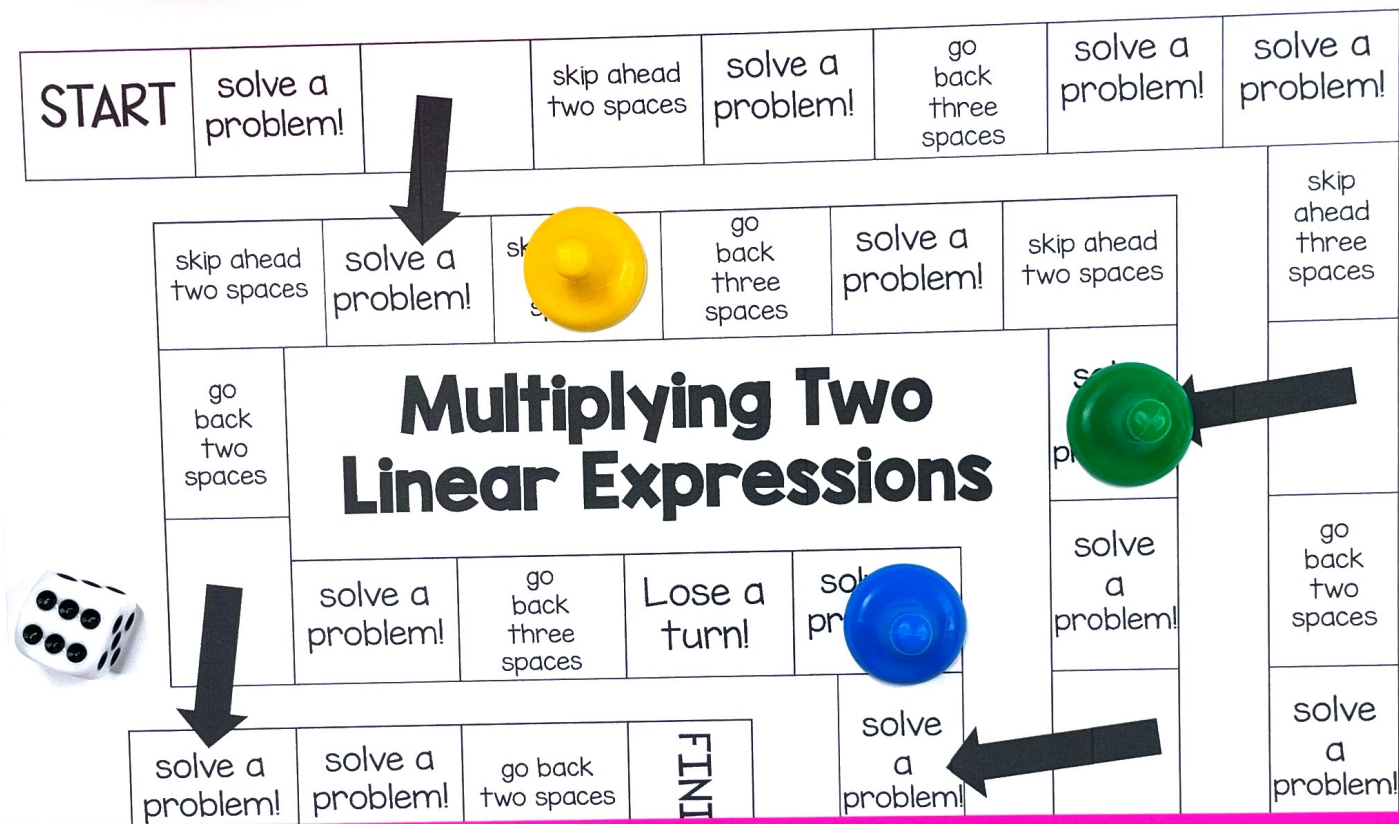


Multiplying Two Linear Expressions

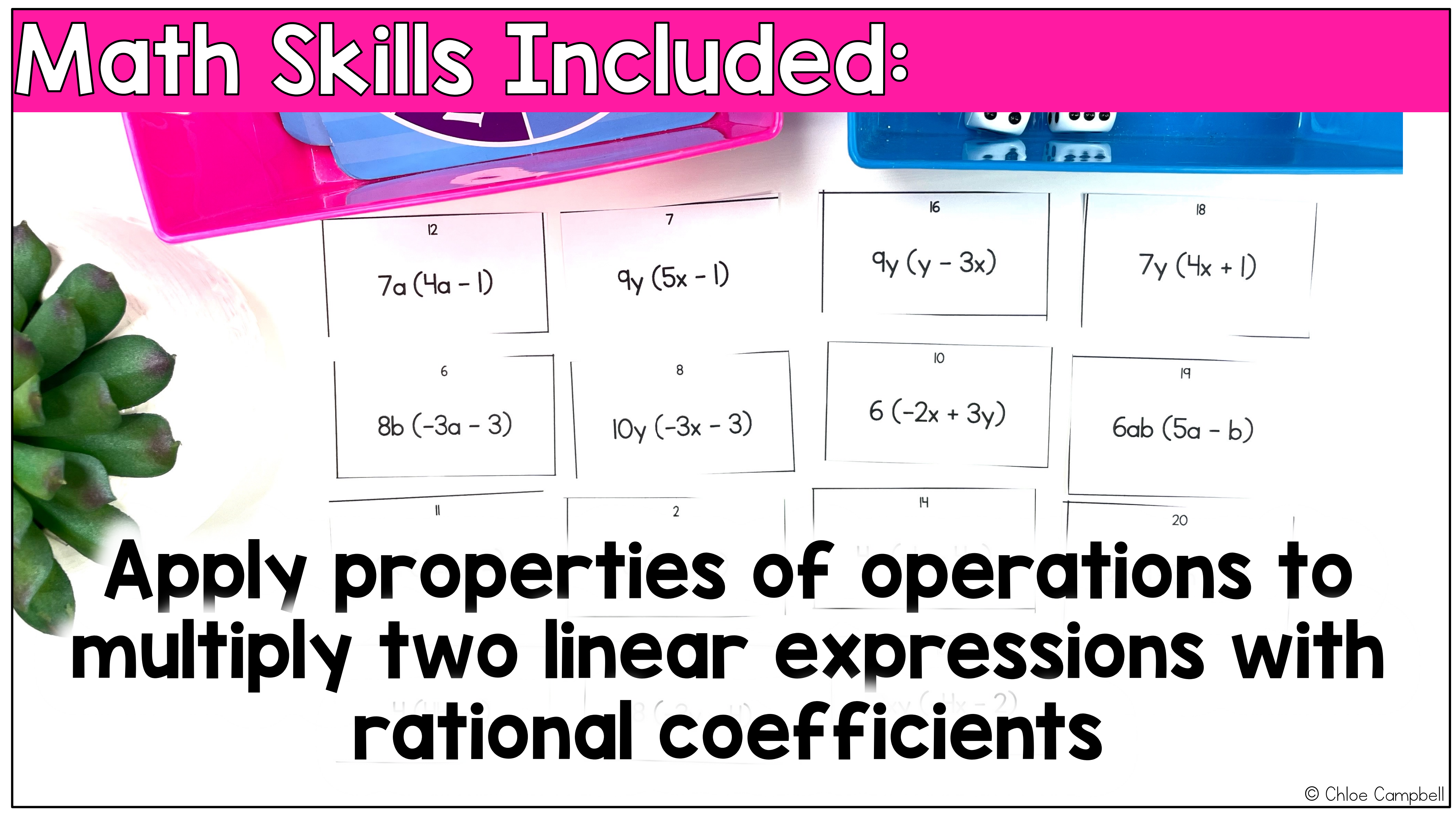


Name: **Multiplying Two Linear Expressions Recording Sheet**

1 $6x + 3$	2 $4y - 40$	3 $16b - 4$	4 $-24y - 32$
5 $-3x + 15$	6 $-24ab - 16$	7 $45xy - 9y$	8 $-30xy - 30y$
9 $24x - 12y$	10 $-12x + 18y$	11 $-6x^2 + 3x$	12 $28a^2 - 7a$
13	14	15	16

SCROLL
to take a look inside!

Math Skills Included:



12 $7a(4a - 1)$	7 $9y(5x - 1)$	16 $9y(y - 3x)$	18 $7y(4x + 1)$
6 $8b(-3a - 3)$	8 $10y(-3x - 3)$	10 $6(-2x + 3y)$	19 $6ab(5a - b)$
11	2	14	20

Apply properties of operations to multiply two linear expressions with rational coefficients

You'll Receive

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



Student Recording Sheet



Multiplying Two Linear Expressions



Name: _____

Multiplying Two Linear Expressions Recording Sheet

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13	14		16

$$10xy(-4x - 2)$$

$$9y^2y - 3x)$$

$$6(-2x + 3y)$$

$$3x(-2x + 2)$$

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!

Multiplying Two Linear Expressions

START solve a problem! skip ahead two spaces solve a problem! go back three spaces solve a problem! solve a problem!

skip ahead two spaces solve a problem! go back three spaces solve a problem! skip ahead two spaces skip ahead three spaces

go back two spaces

Multiplying Two Linear Expressions

solve a problem! go back three spaces Lose a turn! solve a problem! solve a problem! go back two spaces solve a problem!

solve a problem! solve a problem! go back two spaces FINISH solve a problem!

18
 $7y(4x + 1)$

19
 $6ab(5a - b)$

20
 $2m(-5n + 2)$

14
 $4a(-b - 4a)$

10
 $10xy(-4x - 2)$

16
 $9y(y - 3x)$

10
 $6(-2x + 3y)$

11
 $3x(-2x + 2)$

12

Name: _____

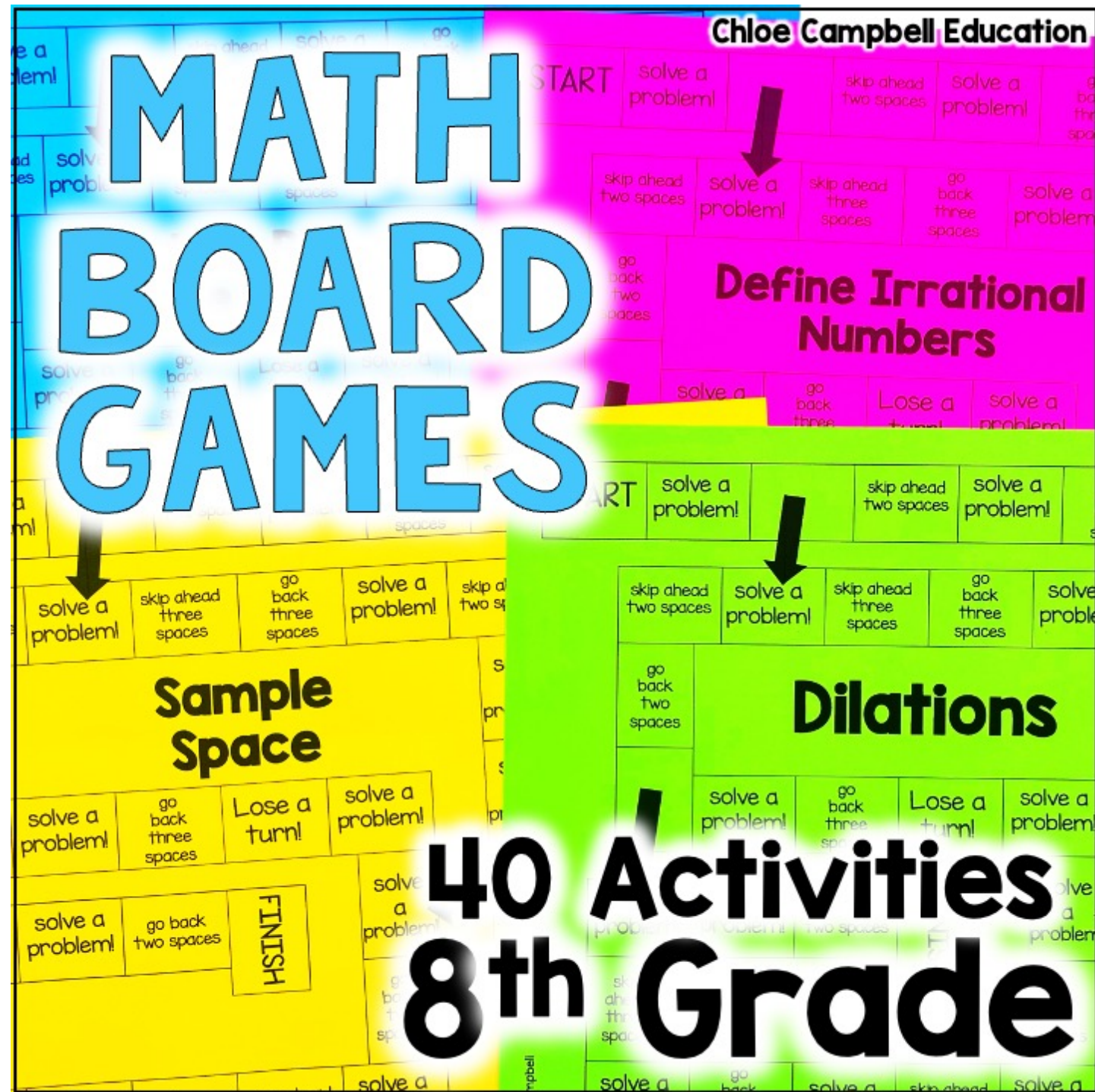
Multiplying Two Linear Expressions Recording Sheet

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and student
achievement increase!

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