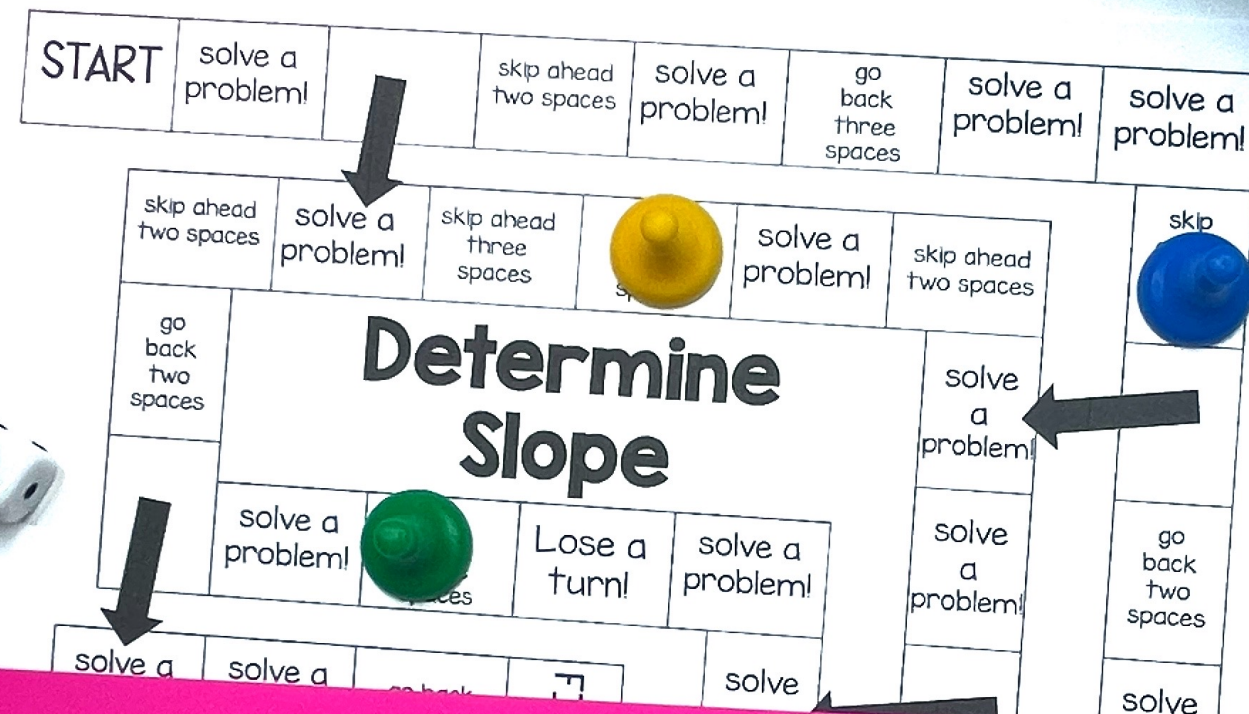


Determine Slope



5 To join the swimming club, the initial fee is \$22.70 and the yearly fee is \$3.40. What would be the value of the slope in this situation?

Determine the slope.

SCROLL
to take a look inside!

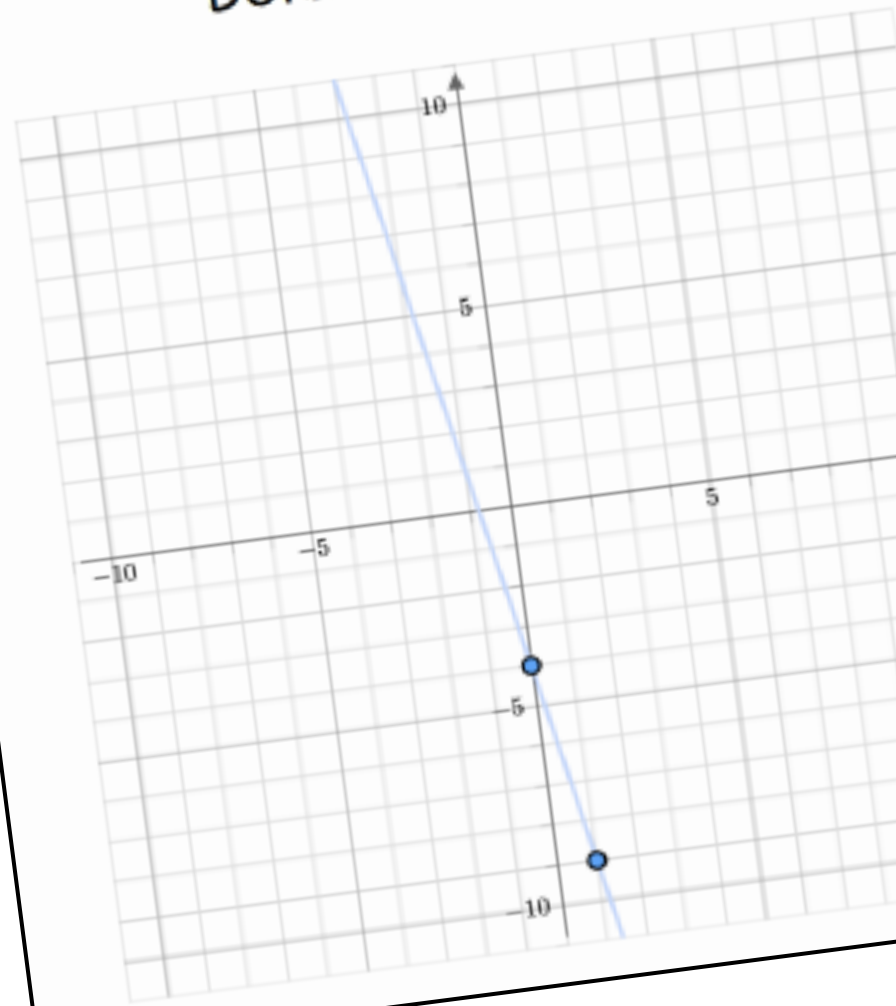
Determine Slope Recording Sheet

1 slope = \$4.90	2 slope = \$1.70	3 Slope = 2.2	4 Slope = \$4.30
5 slope = \$3.40	6 Slope = 5.4	7 slope = \$5.10	8 Slope = -4
9 slope = -1	10 slope = -5	11 slope =	12 Slope = 3
13	14	15	

Math Skills Included:

Determine the slope from a table, graph, or written description of a linear relationship

Determine the slope.



1

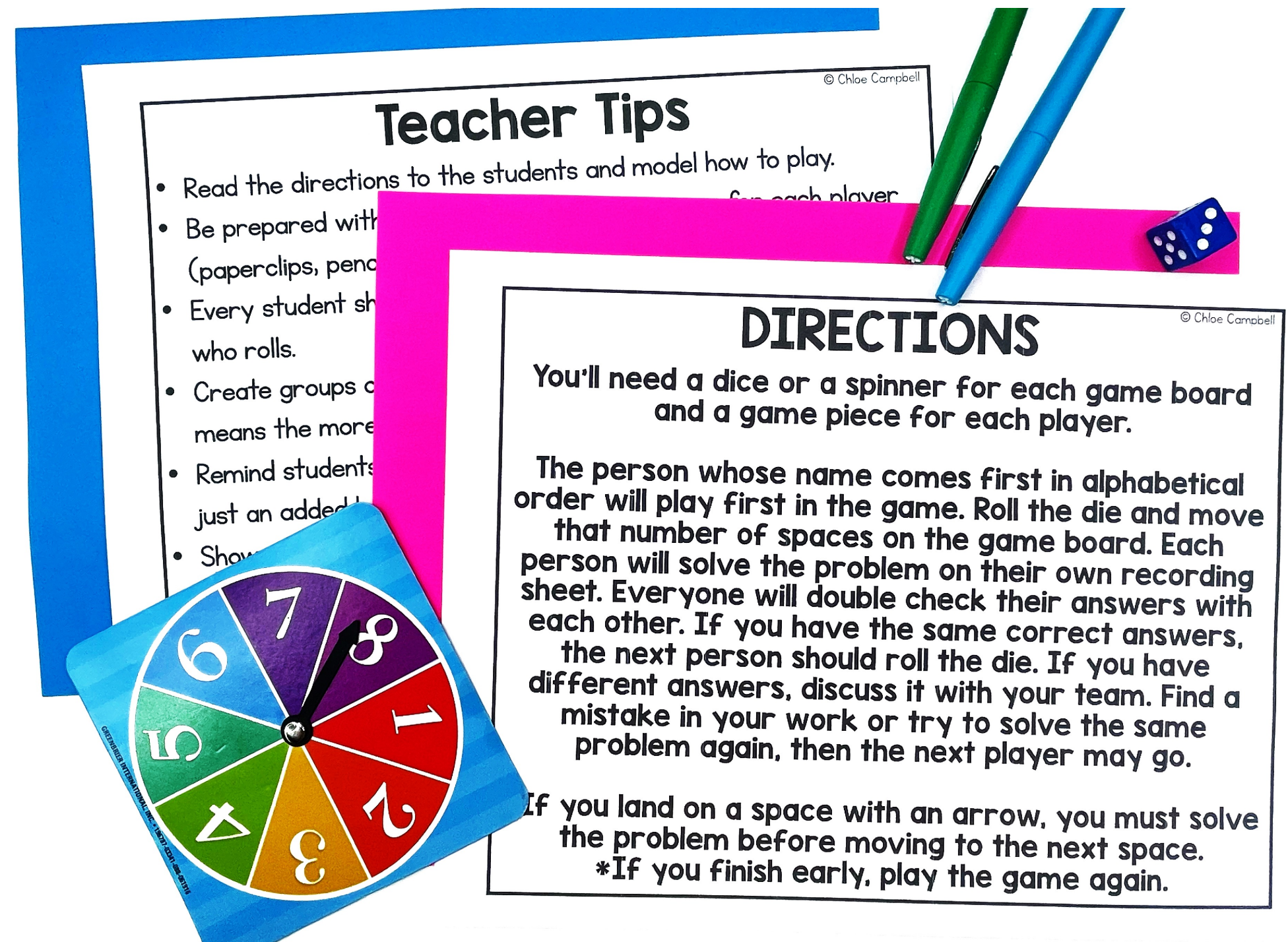
The U.S. Postal Service charges a \$38.40 flat rate for Priority Mail and an additional \$4.90 per kilogram. In this situation, what is the value of the slope?

Determine the slope of the table.

x	y
0	13
1	11
2	9
3	7

You'll Receive

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



Student Recording Sheet

Determine Slope

Determine Slope Recording Sheet

1 slope = \$4.90	2 slope = \$1.70	3 Slope = 2.2	4 Slope = \$4.30
5 slope = \$3.40	6 Slope = 5.4	7 slope = \$5.10	8 Slope = -4
9 slope = -1	10 slope = -5	11 slope =	12 Slope = 3
13	14	15	
17	18	19	20

Determine the slope of the table.

	y
0	2
1	5
2	8
3	11

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!

Determine Slope

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

go back two spaces

Determine Slope

solve a problem! solve a problem! solve a problem!

solve a problem! Lose a turn! solve a problem!

solve a problem! solve a problem! solve a problem!

skip ahead three spaces solve a problem!

solve a problem!

Determine Slope Recording Sheet

Name _____

1 slope = \$4.90	2 slope = \$1.70	3 Slope = 2.2	4 Slope = \$4.30
5 slope = \$3.40	6 Slope = 5.4	7 slope = \$5.10	8 slope = -4
9 slope = -1	10 slope = -5	11 slope =	12 slope = 3
13	14	15	
17	18	19	20

5 To join the swimming club, there is a \$22.70 initial fee and a \$3.40 yearly fee. What would be the value of the slope in this situation?

13 Determine the slope.

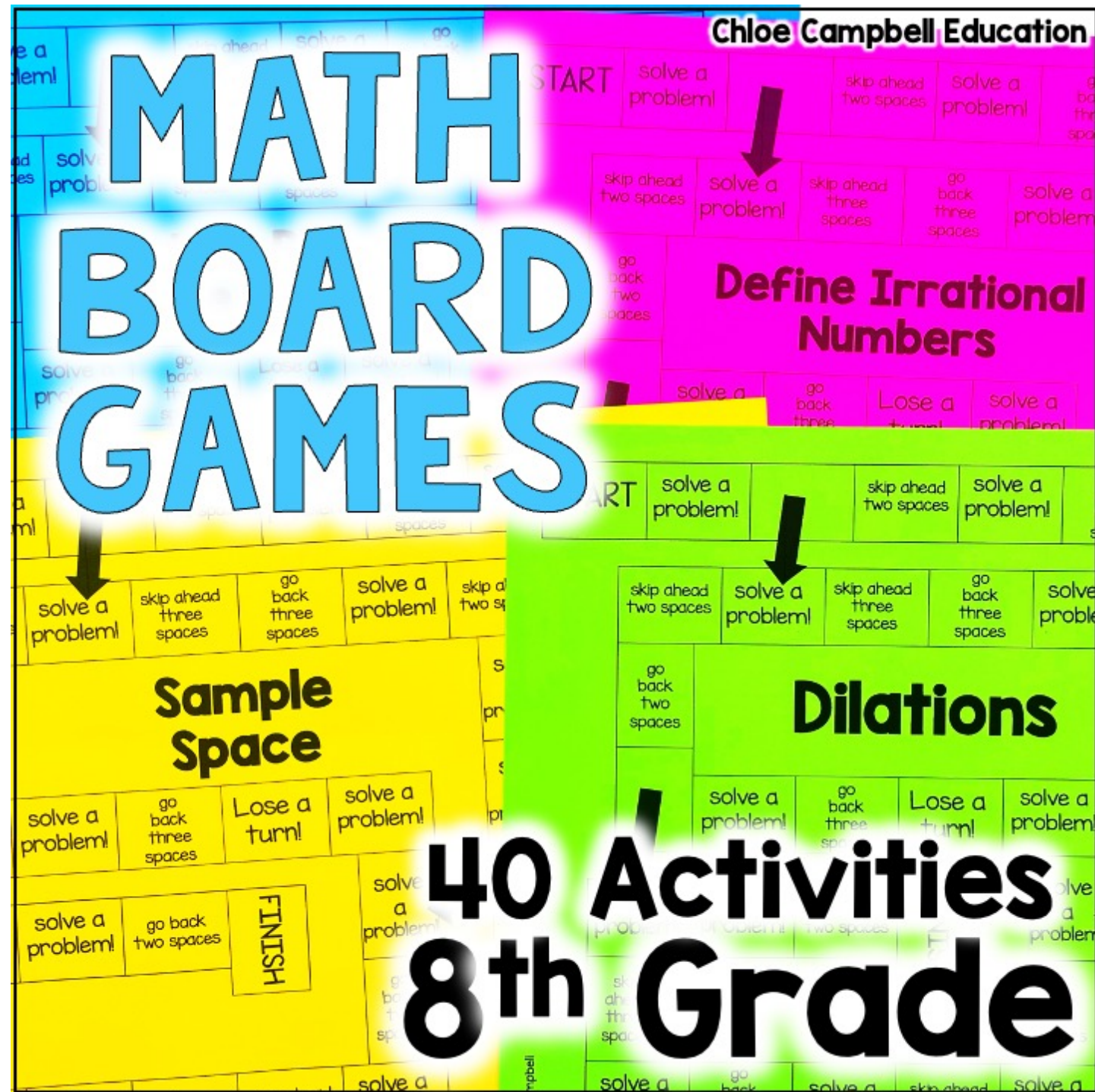
15 Determine the slope of the table.

x	y
0	2
1	5
2	8
3	11

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and student
achievement increase!

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