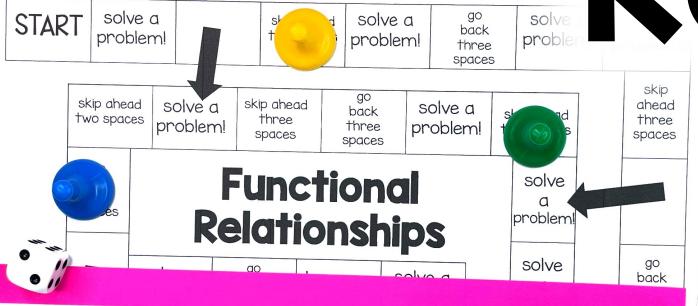


Functiona Relationships

Jen left her house and drove to school and parked in the parking lot. What

part of the graph represents this?

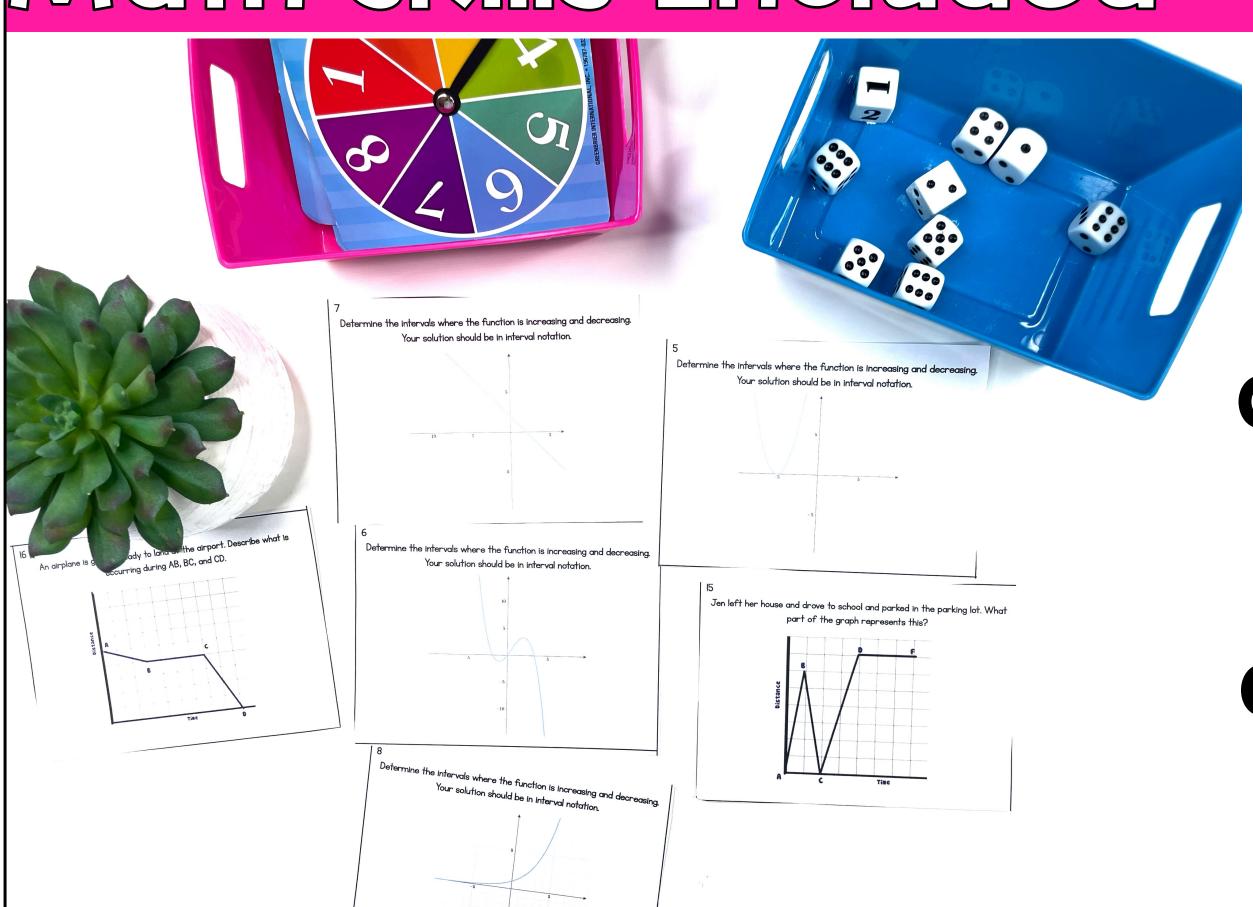


Functional Relationships Recording Sheet increasing (-0,0) Increasing (-3, -0) increasing (-Increasing (-8,0) U (3,00) decreasing: (0, -0) decreasing (-00, -3) decreasing (3, increasing (-5,-00) decreasing (-00, -5) increasing (-1,2) Increasing: DNE decreasing (-00,-1) U (2,00) increasing (-00,00) decreasing (& oo, oo) ecreasing: DNE AB-descending Mr. Smith's line B(-waiting in air Starts farther down CD - landing X-axis 15

SCROLL Determine the intervals who to take a look inside!

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Math Skills Included:



Analyze a functional relationship and determine where it is increasing, decreasing, or constant



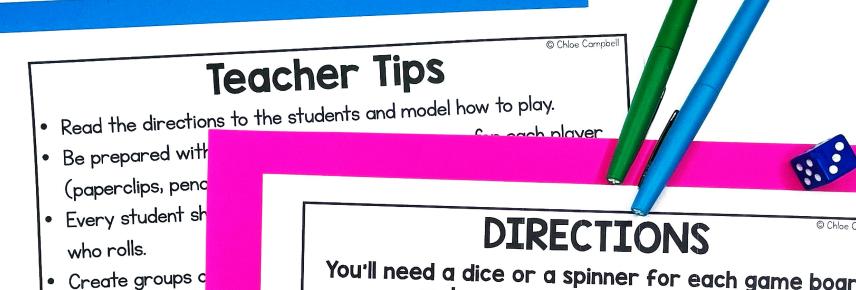


Printable Math Board Game





Receive



means the more

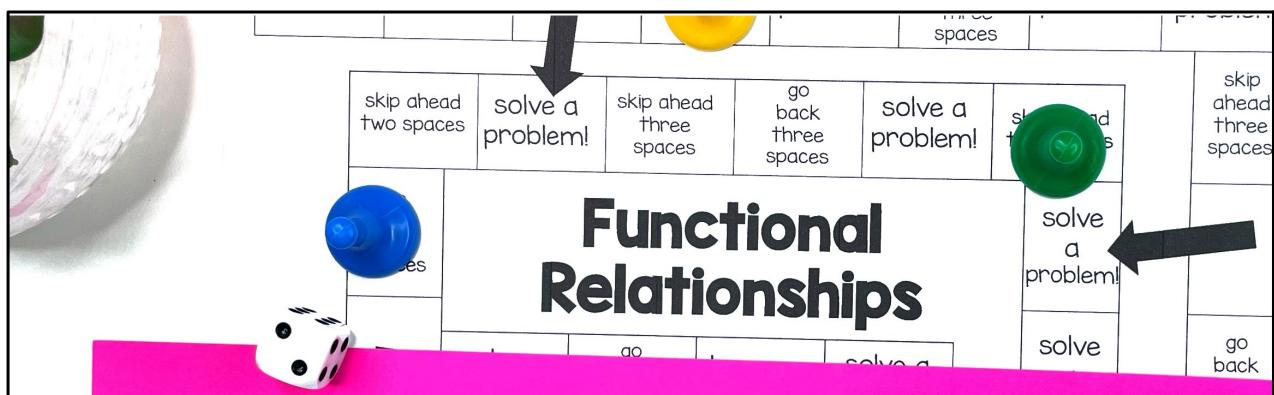
Remind students

just an added

You'll need a dice or a spinner for each game board and a game piece for each player.

The person whose name comes first in alphabetical order will play first in the game. Roll the die and move that number of spaces on the game board. Each person will solve the problem on their own recording sheet. Everyone will double check their answers with each other. If you have the same correct answers, the next person should roll the die. If you have different answers, discuss it with your team. Find a mistake in your work or try to solve the same problem again, then the next player may go.

If you land on a space with an arrow, you must solve the problem before moving to the next space. *If you finish early, play the game again.

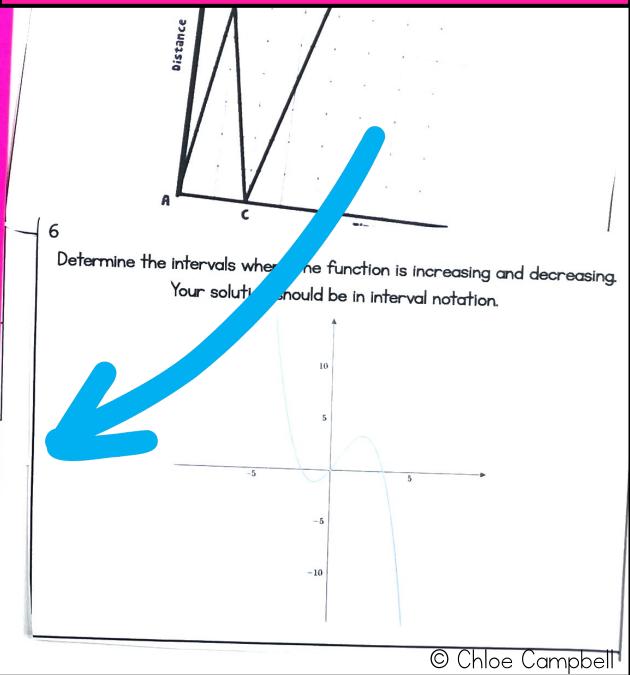


Student Recording Sheet

Name

Functional Relitionships Recording Sheet

			i and and allegi
increasing (-∞,0)	Increasing $(-3, -\infty)$	ancreasing (-a	4 Increasing (-8,0) U (3,∞)
decreasing: (0, -00)	decreasing (-00, -3)	decreasing (3,	(3,45)
5 INCK PASING (-5,-00)	6	7	8
of decreasing (-5,-00)	decreasing (-1,2) decreasing (-00,-1) U (2,00)	Increasing: DNE	increasing (-00,00)
	(2, ω)	decreasing (0, 00)	ecreasing: DNE
AB-descending	Mr.Smith's line	A. \	
AB-descending BC-waiting in air CD-landing	starts farther down	B.3 C. 2	4. 2
13	X -axis	C. Z	J
10	14	15	16
	13		



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.

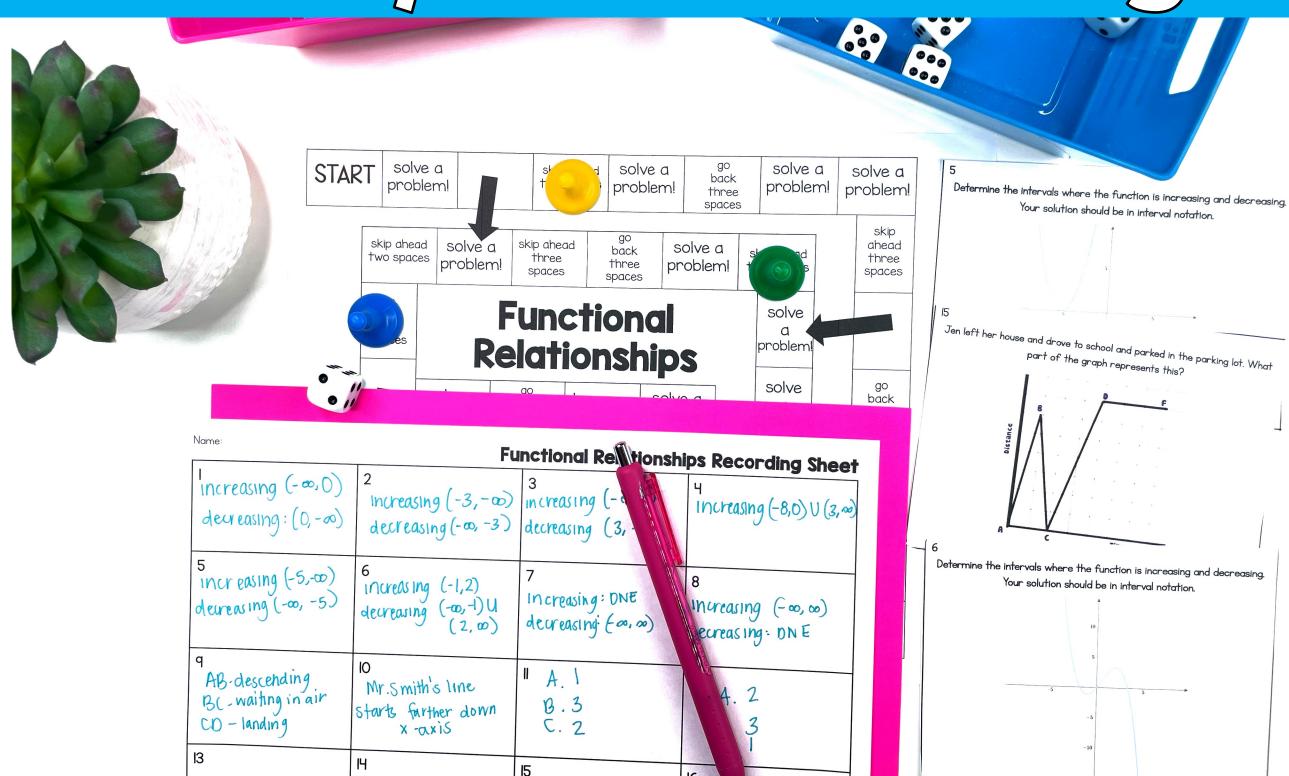
Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a different strategy or help coach each other through the problem.

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!



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Purchase now to see student engagement and student

achievement increase!

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