

Unit Rates

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

go back two spaces

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! go back two spaces FINISH

skip ahead three spaces

solve a problem! go back three spaces

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

Name _____

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2 - Two pools are leaking. After 15 minutes, pool A has leaked $\frac{2}{3}$ gallon. After 20 minutes, pool B has leaked $\frac{3}{4}$ gallon. Which pool is leaking faster? paint per ...

6 - Miranda counted 351 apples that were growing on 9 trees. What is the unit rate?

10 - A runner travelled 14 miles in 2 days. What is the rate he traveled per day?

14 - A baker used 5 bags of flour every 17 days. What is the unit rate?

18 - A movie theater sold 600 pounds of popcorn in 12 hours. What is the unit rate?

Unit Rates Recording Sheet

1	110 ft ²	2		3	\$2.12 per toothbrush	4	
5		6	39 apples per tree	7		8	
9		10		11		12	

This resource includes:

- Teacher Direction Page
- Board Game
- 20 Question Cards
- Student Recording Sheet
- Teacher Answer Key



18 - A movie theater sold 6 pounds of popcorn in 12 hours. What:

Students won't even realize they are learning!

What's the best way to use this board game?

- Math Centers or Stations
- Whole Group Practice
- Morning Work
- Early Finisher Activity
- Substitutes
- Send Home to Engage Student Families



Hold students accountable with a recording sheet

Tips for Playing Math Board 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.
- Remind students that the focus is not playing the game but that's just an added bonus! The focus should be on practicing 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 leads to an increase of 34.755% in student performance

(ScienceDirect, 2020).

Teachers Like You Say:

★★★★★ "These are great for small group stations! What a fun task card adaption. 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!" - Anonymous

★★★★★ "Very easy to use and I truly believe students learn best through game play." -Tony

★★★★★ "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." -Nicole