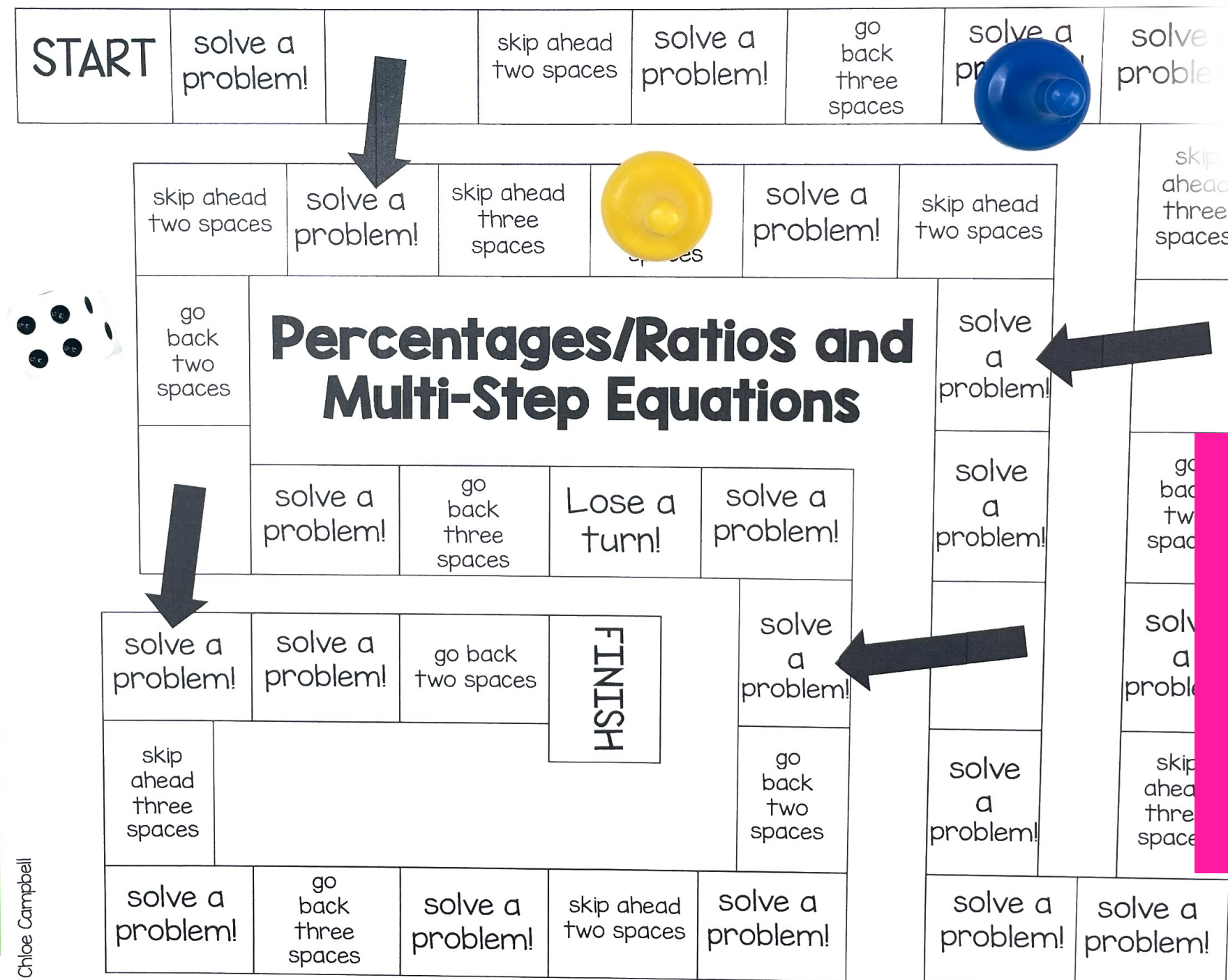
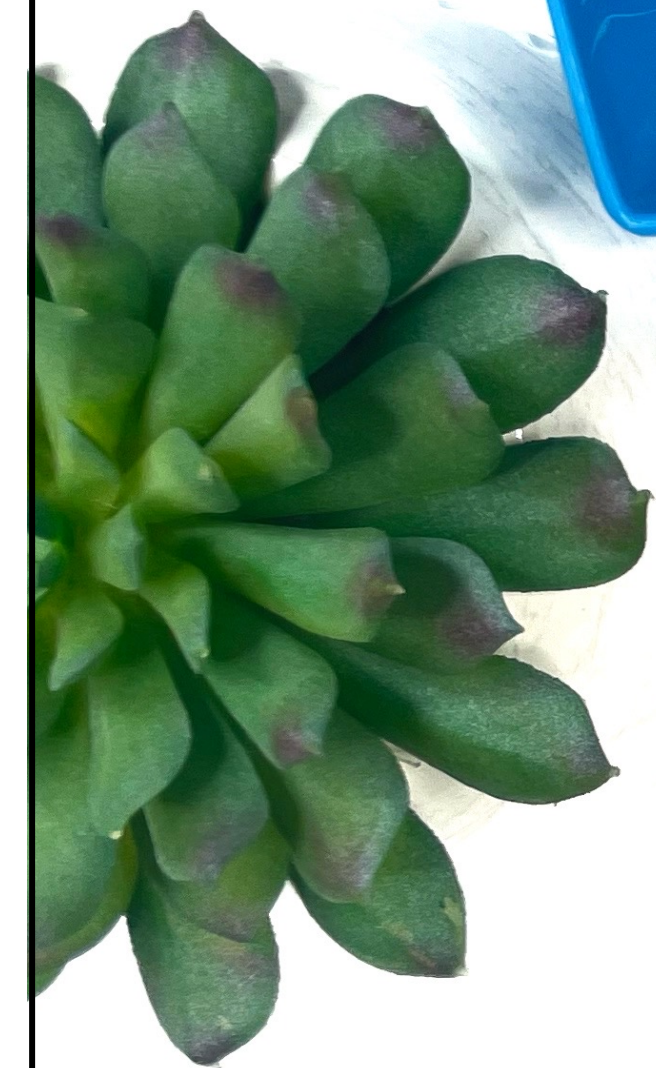


Multi Step Percentages & Ratios Word Problems



SCROLL
to take a look inside!

20 Problems Included:



1 Riku is trying to save up for college by working a summer job at the grocery store. Each week, he earns a total of \$144 on his paycheck. After the first week, Riku puts away 70% of his paycheck to save for college. After the second week, Riku puts away 40% of his paycheck to save for college. After the third week, Riku puts away 11% of his paycheck to save for college. How much total money does Riku save up for college by the end of the three weeks?

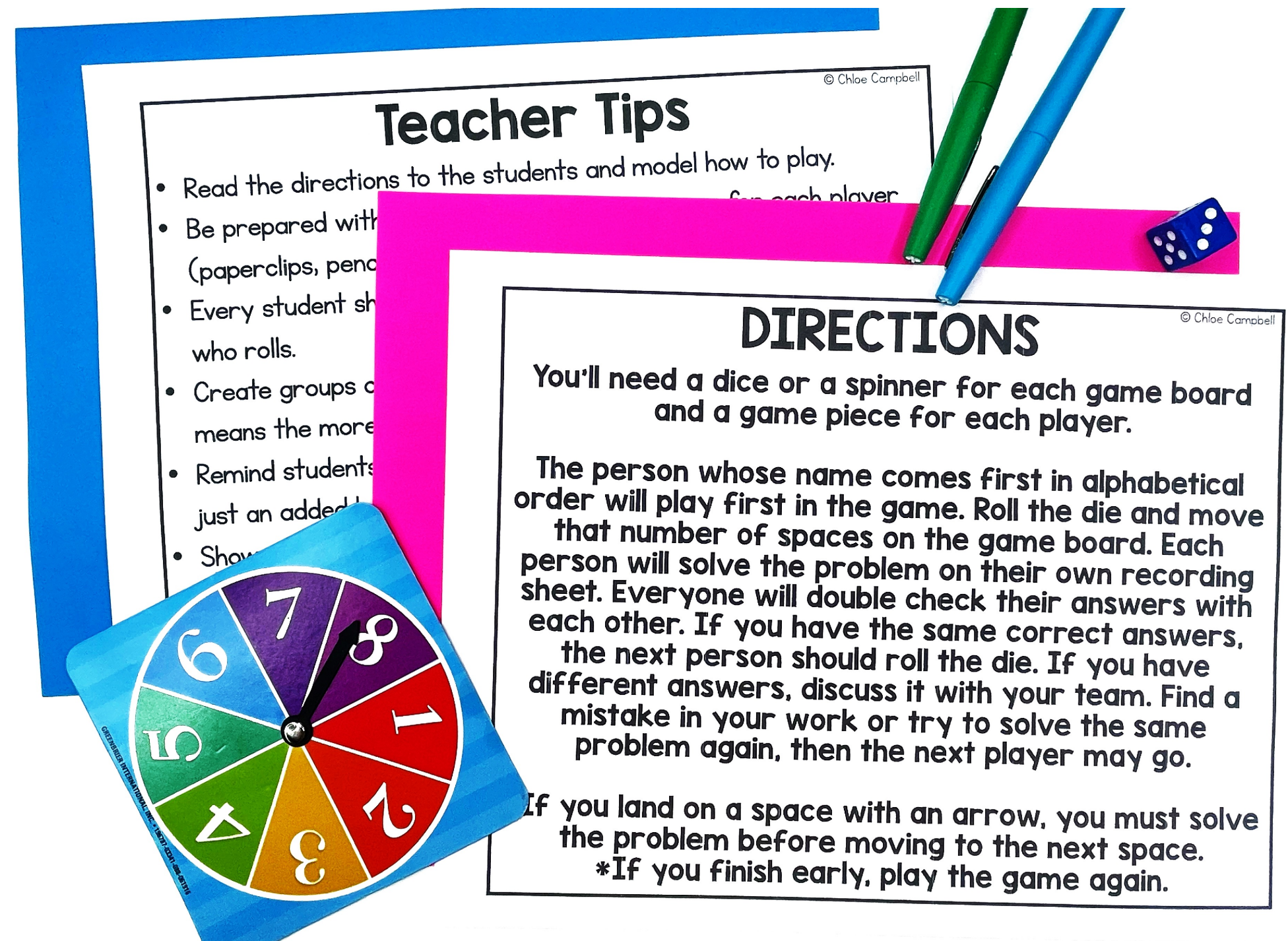
3 Lance is a street vendor who starts out each day with 271 pounds of apples in his cart. On the first day of business, Lance sells 66% of his daily apples. On the second day, he sells 41% of his daily apples. On the third day, he sells 69% of his daily apples. How many total pounds of apples does Lance sell over the course of the three days?

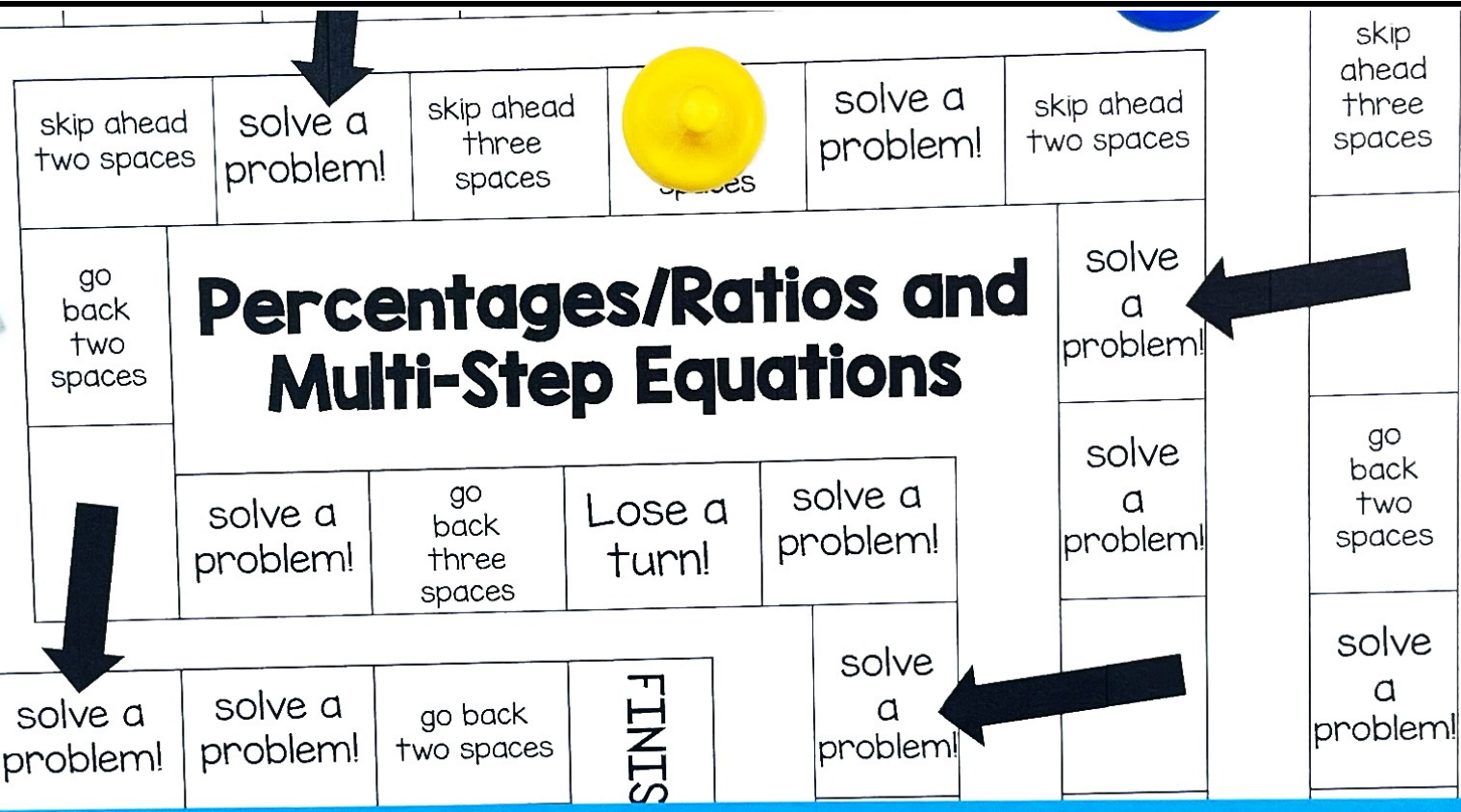
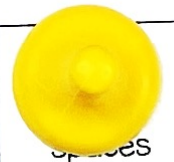
2 The school football team takes a weekend trip out of town to play a game. After the game finishes, the team goes out to a large mall to eat dinner. The coach gives out \$244 to each student so that everyone can choose where they want to eat. Three of the players decide to go eat at a steakhouse, where they spend 25%, 57%, and 51% of their money, respectively, on their meals. How much total money was spent by the three players at the steakhouse?

4 Wong is trying to save up for college by working a summer job at the grocery store. Each week, he earns a total of \$199 on his paycheck. After the first week, Wong puts away 60% of his paycheck to save for college. After the second week, Wong puts away 30% of his paycheck to save for college. After the third week, Wong puts away 56% of his paycheck to save for college. How much total money does Wong save up for college by the end of the three weeks?

You'll Receive

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



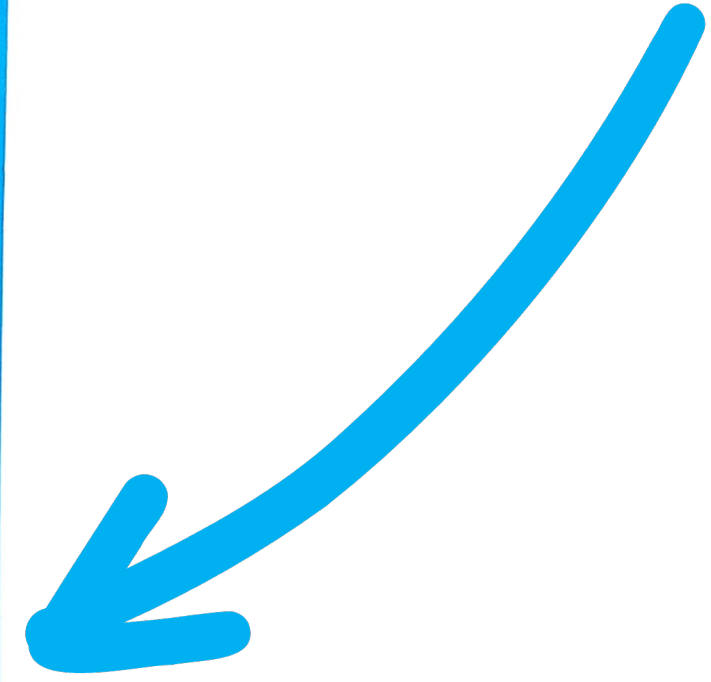


Student Recording Sheet

Name: _____

Percentages/Ratios and Multi-Step Equations Recording Sheet

1 \$174.24	2 \$324.52	3 476.96 pounds	4 \$290.44
5 158.92	6 56.98 megabytes	7 93.6 minutes	8 97.5 minutes
9	10	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:

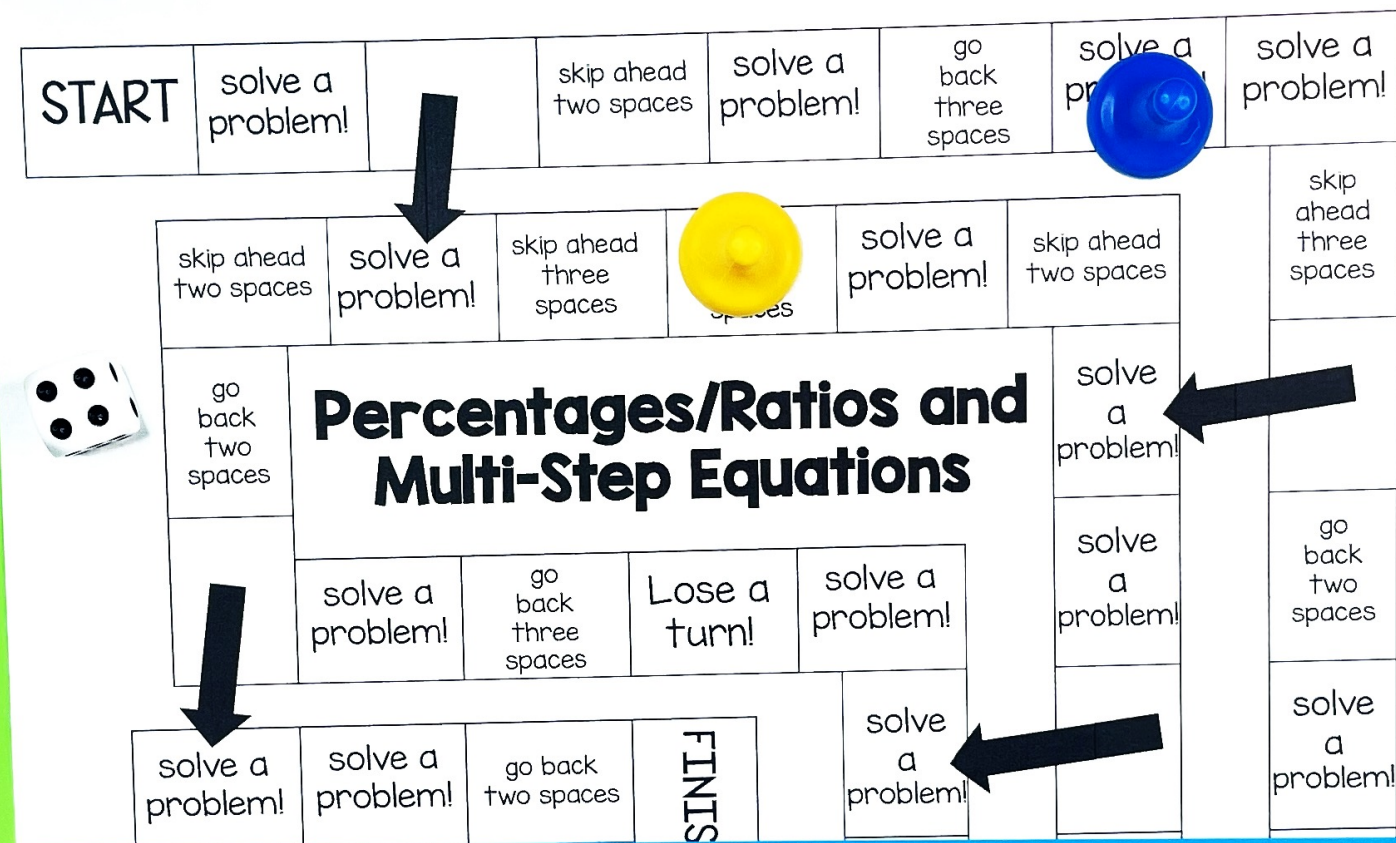
- ★ Remind students that the focus is not playing the game...that's just an added bonus! The focus should be on practicing the math skills.
- ★ Show students how to compare and discuss answers. Did you both get the same answer? If students get different answers, ask them to solve the problem using a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



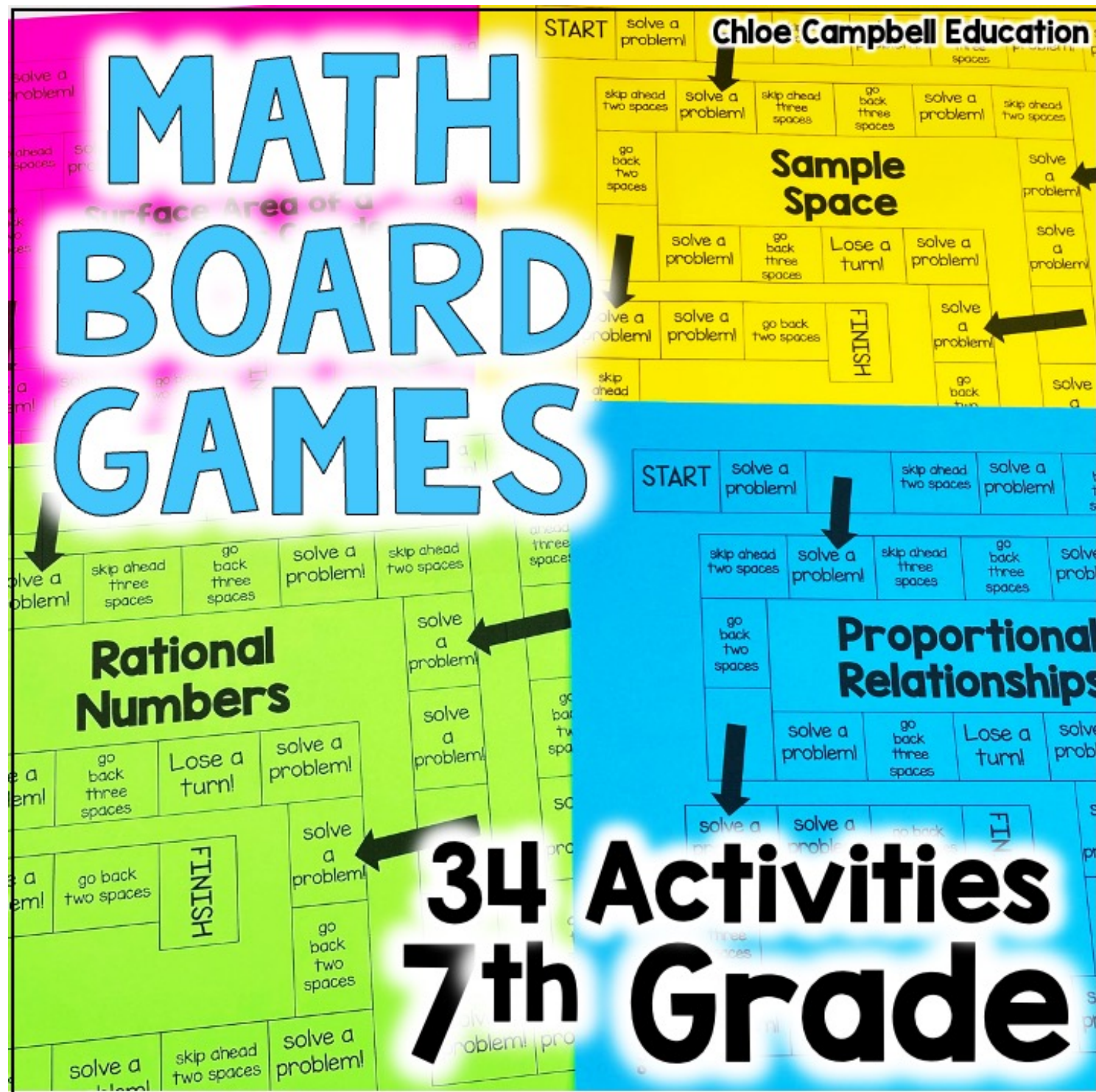
Name _____ **Percentages/Ratios and Multi-Step Equations Recording Sheet**

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