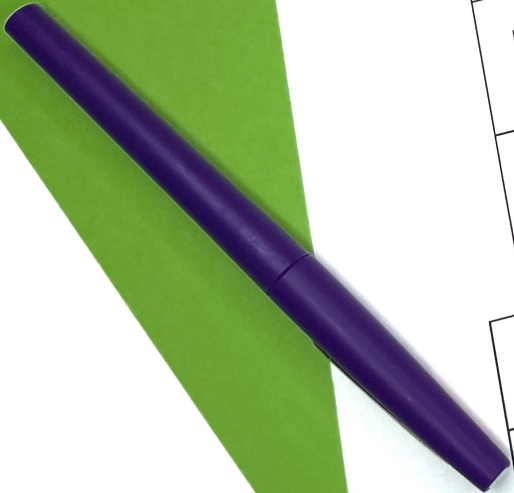


**2nd Grade  
Math Board  
Games  
ENTIRE YEAR!**

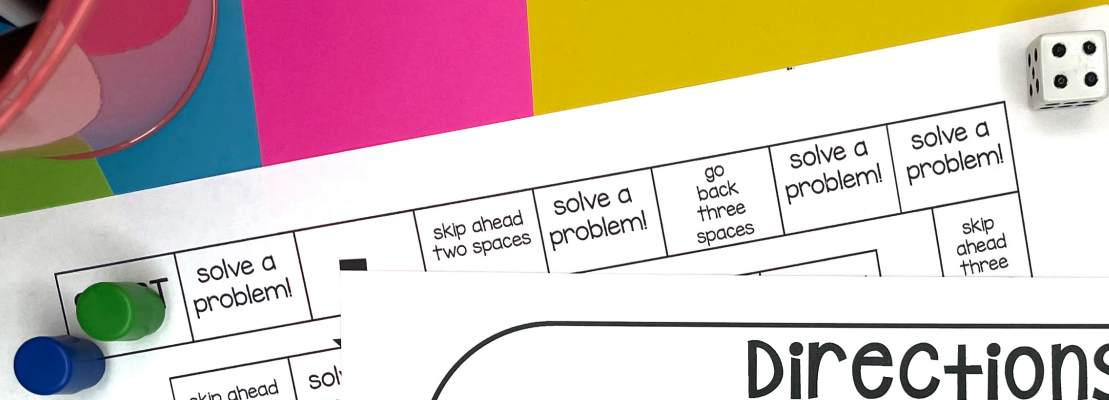
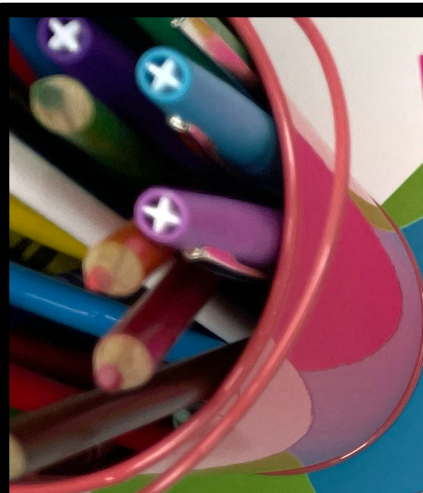


# Decompose Three Digit Numbers

START	234 1	164 2	810 3	198 4	216 5	132 6	107 7
131 24	153 23	897 22	155 21	428 20	851 19	897 8	131 9
159 25	195 26	201 27	127 28	454 29	378 30	205 17	975 10
185 39	164 40	654 41	FINISH	183 31	764 16	145 11	368 12
160 38	454 35	986 34	128 33	352 32	645 15	124 14	686 13

Are you tired of spending time  
looking for standards based  
activities for your math class?

Save yourself time and energy with these  
board games that are already aligned to  
your standards, include an answer key for  
quick grading, and are sure to keep your  
students engaged during math practice  
time!



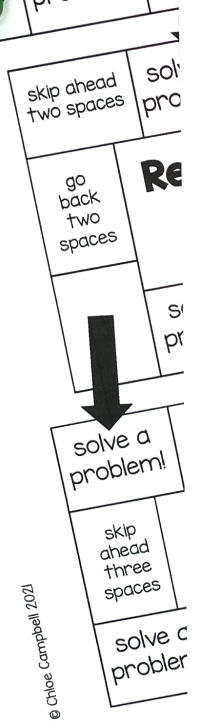
# Directions

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 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.



Line Recording Sheet

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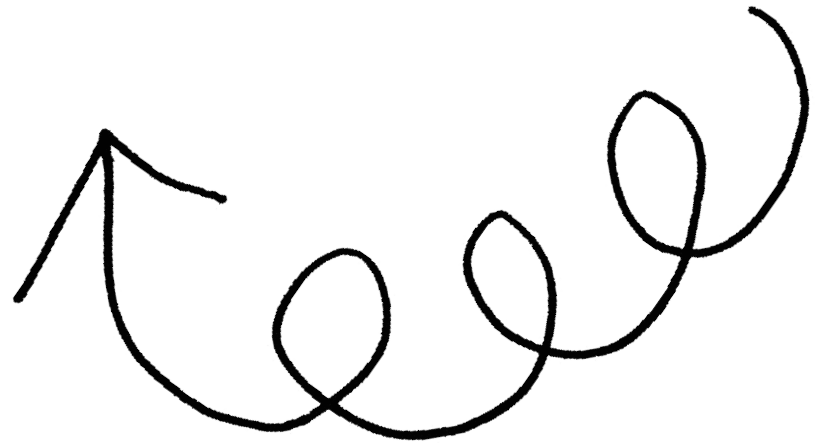
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# THIS BOARD GAME BUNDLE INCLUDES:

- 30 Math Board Games
- Directions Page
- Standards
- Recording Sheets
- Answer Keys





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

# Add Three-Digit Number

Name: \_\_\_\_\_

1 
$$\begin{array}{r} 422 \\ + 356 \\ \hline 778 \end{array}$$

5 
$$\begin{array}{r} 756 \\ + 203 \\ \hline 959 \end{array}$$

13 
$$\begin{array}{r} 1466 \\ + 135 \\ \hline 601 \end{array}$$

17 
$$\begin{array}{r} 1582 \\ + 235 \\ \hline 817 \end{array}$$

## Add Three-Digit Numbers



9 
$$567 + 264$$

5 3 13  

$$\begin{array}{r} 17 \\ 582 + 235 \end{array}$$
  

$$466 + 135$$

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LOSE A TURN

FINISH

skip ahead three spaces

solve a problem!

go back three spaces

solve a problem!

skip ahead two spaces

solve a problem!

solve a problem!

go back two spaces

go back two spaces

solve a problem!

go back three spaces

LOSE A TURN

skip ahead two spaces

solve a problem!

skip ahead three spaces

solve a problem!

solve a problem!

go back three spaces

solve a problem!

solve a problem!

skip ahead two spaces

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

solve a problem!

3

2

7

6

10

9

14

18

11

13

17

15

# Game Topics Included:

1. Decompose 3 Digit Numbers
2. Skip Count
3. Write Numbers in Expanded and Word Form
4. Compare 3 Digit Numbers
5. Add Within 100
6. Subtract Within 100
7. Add and Subtract Within 100
8. Add Up to Four 2 Digit Numbers
9. Add 3 Digit Numbers
10. Subtract 3 Digit Numbers
11. Add and Subtract 3 Digit Numbers
12. Add and Subtract 10 or 100
13. Measure Lengths of Objects
14. Estimate Lengths of Objects
15. What's the Difference in Length
16. Solve Word Problems Involving Length
17. Represent Whole Numbers on a Number Line
18. Tell Time on Digital and Analog Clocks
19. Solve Word Problems Involving Money
20. Make a Line Plot
21. Solve Problems Using Data from Bar Graphs
22. Use Addition and Subtraction Within 100 to Solve Word Problems
23. Sums of Two 1 Digit Numbers
24. Subtract Within 20
25. Even or Odd? Up to 20
26. Write an Equation to Show an Even Sum has the Same Addends: Up to 20
27. Use Addition to Find the Total Number of Objects in Rectangular Arrays
28. Identify Attributes of a Shape: Sides, Vertices, Faces
29. Partition Rectangles into Rows and Columns
30. Partition Circles and Rectangles into Rows and Columns

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

# Estimate Lengths of Objects

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

skip ahead three spaces

solve a problem! go back three spaces solve a problem!

2  
Would a pencil be shorter or longer than a foot?

10  
Is the height of a door about 7 inches, feet, centimeters, or meters?

5  
A paperclip is about 2 inches long.  
6  
Is the height of a birthday candle about 5 inches, feet, centimeters, or meters?

Name:

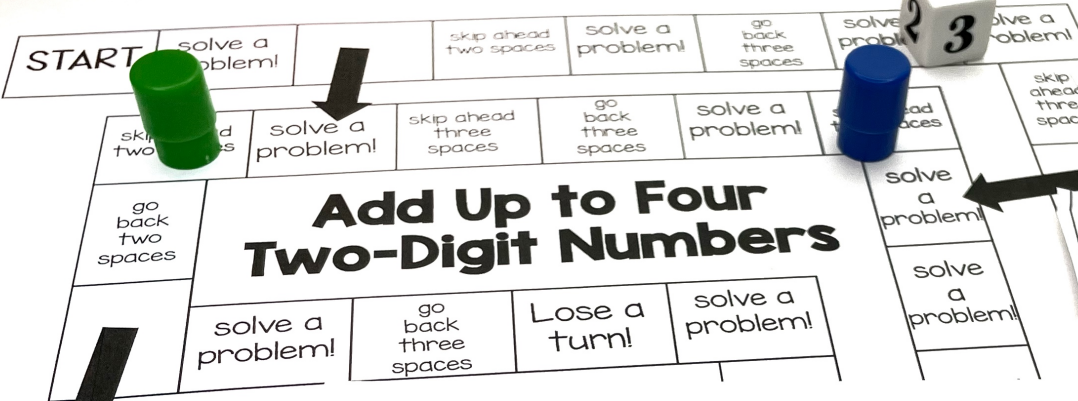
Estimate Lengths of Objects Re			
1	2	3	4
pencil		inches	
5	6	7	8
		paperclip	
9	10	11	
13	14	15	

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# Each Game Includes:

- Teacher Direction Page
- Board Game with 20-40 questions
- Multiple Versions of Student Recording Sheets
- Teacher Answer Key



13 5  
31 + 54 + 11 + 55 + 64

6 1  
23 + 45 + 21 + 64

2  
84 + 52 + 12 + 35

56 + 13 + 75 + 90

Name: \_\_\_\_\_

**Add Up to Four Two-Digit Numbers Record**

1	$\begin{array}{r} 23 \\ 45 \\ 21 \\ + 64 \\ \hline 153 \end{array}$	2	$\begin{array}{r} 84 \\ 52 \\ 12 \\ + 35 \\ \hline 183 \end{array}$	3		4	
5		6	$\begin{array}{r} 143 \\ + 56 \\ 90 \\ 23 \\ \hline 212 \end{array}$	7		8	
9		10		11			
13		14		15			

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

**Partition Circles and Rectangles into Equal Shares**

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

solve a problem! solve a problem!

Draw a circle and partition it into four equal parts.

5

10

13

Is this shape partitioned into halves, thirds, or fourths?

9

Is this shape partitioned into halves, thirds, or fourths?

7

Is this shape partitioned into halves, thirds, or fourths?

Name \_\_\_\_\_

**Partition Circles and Rectangles into Equal Shares Recording Sheet**

1	2	3	4
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**Students won't even realize they are learning!**

Name: \_\_\_\_\_ Recording Sheet

1.	2.
3.	4.
5.	6.
7.	8.
9.	10.
11.	12.
13.	14.
15.	16.

Name: \_\_\_\_\_ Recording Sheet

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1.	
3.	
5.	
7.	

17.
19.
21.
23.
25.
27.
29.
31.
33.
35.
37.
39.

Name: \_\_\_\_\_ Recording Sheet

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1.	2.	21.	22.
3.	4.	23.	24.
5.	6.	25.	26.
7.	8.	27.	28.
9.	10.	29.	30.
11.	12.	31.	32.
13.	14.	33.	34.
15.	16.	35.	36.
17.	18.	37.	38.
19.	20.	39.	40.
			41.

Name: \_\_\_\_\_ Recording Sheet

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1.	2.	21.	22.
3.	4.	23.	24.
5.	6.	25.	26.
7.	8.	27.	28.
9.	10.	29.	30.
11.	12.	31.	32.
13.	14.	33.	34.
15.	16.	35.	36.
17.	18.	37.	38.
19.	20.	39.	40.
			41.

Hold students accountable with recording sheets

# 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