

3rd Grade Math Board Games

I
SHAPES

FACTORS

Equivalent
Fractions

Rounding
(to the nearest hundred)

61 Games!

START	329	197	323	845	721	202
	1	2	3	4	5	6
117	892	432	274	378	897	
	24	23	22	21	20	19
167	Rounding (to the nearest hundred)				199	
	25					18
399	783	148	291	822	724	
	26	27	28	29	30	17
863	466	724	FINISH	369	823	
	39	40	41	31		
129						
	38					

This resource includes:

- Teacher Tips
- Student Directions
- 61 Printable Math Board Games
- Recording Sheets to Hold Students Accountable
- Answer Keys

Students won't even realize they are learning!

START 329 197 323 845 721 202 872

892 432 274 378 897

167

Rounding (to the nearest hundred)

399 783 148 291 822

863 466 724 FINISH 369 823 394

129

18

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Recording Sheet

Name: _____

I. 300	II.	21. 300	31.
2.	12. 800	22.	32.
3.	13.	23. 900	33.
4.	14.	24.	34.
5.	15.	25.	35.
6.	16.	26.	36.
			37.

Teachers Like You Say:

★★★★★ Extremely satisfied

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!

★★★★★ Extremely satisfied

My students love games especially when they can compete with each other. Best resource with so many different options.

★★★★★ Extremely satisfied

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.

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

Equivalent Fractions

$\frac{3}{10}$ 24	$\frac{5}{10}$ 23	$\frac{7}{9}$ 22	$\frac{2}{4}$ 21	$\frac{4}{6}$ 20	$\frac{8}{9}$ 19	$\frac{1}{4}$ 8
$\frac{1}{3}$ 25	Equivalent Fractions				$\frac{6}{7}$ 18	$\frac{3}{6}$ 9
$\frac{6}{8}$ 26					$\frac{2}{2}$	$\frac{3}{3}$



Name: _____ Recording Sheet

1. $\frac{10}{12}$	11. $\frac{4}{5}$	21.	31. $\frac{4}{14}$
2.	12.	22. $\frac{14}{18}$	32.
3. $\frac{2}{12}$	13.	23.	33.
4.	14.	24.	34.
5.	15.	25.	35.

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EDUCATION

Hold students accountable with a recording sheet

Topics Included

1. Multiplication Arrays and Area Models
2. Missing Factors
3. Associative Property of Multiplication
4. Distributive Property of Multiplication
5. Commutative Property of Multiplication
6. Unknown Numbers in Division Problems
7. Multiplication and Division Fact Family
8. Place Value Making Numbers
9. Place Value Breaking Down Numbers
10. Equal Shares and Quotients
11. Identify Place Value
12. Round to the Nearest Hundred
13. Round to the Nearest Ten
14. 2 Digit Addition
15. 3 Digit Addition
16. Unknown Number in Addition
17. Write the Symbol: Addition or Subtraction
18. Addition and Subtraction Fact Family
19. Identify Fractions
20. Draw Fractions on a Number Line
21. Equivalent Fractions
22. Improper Fractions to Whole Numbers
23. Comparing Fractions
24. Writing Fractions as Division Problems
25. Reading a Clock: Identify Time
26. Add and Subtract Time
27. Measure Volume in Graduated Cylinders
28. Measure Mass
29. Reading Bar Graphs
30. Finding Area

Topics Included

31. Finding Perimeter
32. Telling Time Digital and Analog Clocks
33. Classifying Quadrilaterals
34. Draw Shapes with Equal Areas
35. Multiply by 1-10
36. Multiply by 0
37. Multiply by One
38. Multiply by Two
39. Multiply by Three
40. Multiply by Four
41. Multiply by Five
42. Multiply by Six
43. Multiply by Seven
44. Multiply by Eight
45. Multiply by Nine
46. Multiply by Ten
47. Divide by 1-10
48. Divide by One
49. Divide by Two
50. Divide by Three
51. Divide by Four
52. Divide by Five
53. Divide by Six
54. Divide by Seven
55. Divide by Eight
56. Divide by Nine
57. Divide by Ten
58. Measure Length Using Rulers
59. Double Digit Subtraction with Regrouping
60. 3 Digit Subtraction with Regrouping
61. Multiply by Multiples of Ten

START

$7 \times \frac{\quad}{\quad} = 21$ ₁

$\frac{\quad}{\quad} \times 7 = 14$ ₂

$9 \times \frac{\quad}{\quad} = 18$ ₃

$3 \times \frac{\quad}{\quad} = 30$ ₄

$\frac{\quad}{\quad} \times 4 = 12$ ₅

$6 \times \frac{\quad}{\quad} = 36$ ₆

$\frac{\quad}{\quad} \times \frac{\quad}{\quad} = \frac{\quad}{\quad}$ ₇

$10 \times \frac{\quad}{\quad} = 10$ ₂₄

$\frac{\quad}{\quad} \times 6 = 48$ ₂₃

$8 \times \frac{\quad}{\quad} = 64$ ₂₂

$9 \times \frac{\quad}{\quad} = 36$ ₂₁

$3 \times \frac{\quad}{\quad} = 21$ ₂₀

$10 \times \frac{\quad}{\quad} = 100$ ₁₉

$9 \times \frac{\quad}{\quad} = 63$ ₈

$1 \times \frac{\quad}{\quad} = 5$ ₂₅

UNKNOWN FACTORS

$6 \times \frac{\quad}{\quad} = 18$ ₁₈

$\frac{\quad}{\quad} \times 2 = 16$ ₉

$5 \times \frac{\quad}{\quad} = 30$ ₂₆

$\frac{\quad}{\quad} \times 1 = 2$ ₂₇

$3 \times \frac{\quad}{\quad} = 9$ ₂₈

$\frac{\quad}{\quad} \times 6 = 36$ ₂₉

$10 \times \frac{\quad}{\quad} = 20$ ₃₀

$1 \times \frac{\quad}{\quad} = 3$ ₁₇

$\frac{\quad}{\quad} \times 4 = 32$ ₁₀

$7 \times \frac{\quad}{\quad}$

$4 \times \frac{\quad}{\quad}$

$3 \times \frac{\quad}{\quad}$



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Name: _____

Recording Sheet

1.	3	11.		21.	4	31.	
2.		12.	6	22.		32.	
3.		13.		23.	7	33.	
4.		14.		24.		34.	
5.		15.		25.		35.	
6.		16.		26.		36.	
							27.



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.

Tips for Playing Math Board Games:

- 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.

START

Identify Shapes

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Name: _____

Recording Sheet

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

Why Board Games?

Research shows that challenge-based gamification in the classroom leads to an increase of 34.755% in student performance (ScienceDirect, 2020).

Bonuses:

- Save over \$90 by purchasing the games in a bundle!
- Gain access to an “All in One” easy download file. It’s a PDF that has ALL 61 games to make it easier to print!

Add to Cart!

Purchase now to see
student engagement and
student achievement
increase!