

# 4th Grade Math Board Games

**SUBTRACT**  
Up to Thousands Place

3,421 - 48  
7,110 - 5,554  
1,943 - 1,124  
4,452 - 2,223  
1,633  
6,469  
8,525 - 1,050  
1,032

3,000 - 197  
9,346 - 1,527  
4,205 - 3,478  
8,438 - 1,149  
4,484 - 1,219  
9,437 - 3,168  
3,000 - 2,117  
5,525 - 5,166  
9,841 - 3,764  
4,653 - 3,764  
4,710 - 1,602

FINIS

**MEASURE ANGLES**  
Draw a card when you land on the "solve a problem!" space. If you either measure the angle and write the measurement.

4,521 - 1,177  
3,560 - 1,178  
2,165 - 3,427  
9,426 - 2,118  
8,426

solve a problem!  
solve a problem!  
solve a problem!

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

**PATTERNS**  
(Start your patterns with the number in the corner of each box, list the next three terms)

START multiply by 2<sub>1</sub> add 13<sub>2</sub> multiply by 3<sub>3</sub> add 2<sub>4</sub> add 9<sub>5</sub> multiply by 4<sub>6</sub> multiply by 10<sub>7</sub>

subtract 2<sub>24</sub> add 3<sub>23</sub> subtract 2<sub>22</sub> multiply by 3<sub>21</sub> multiply by 2<sub>20</sub> multiply by 2<sub>19</sub>

add 8<sub>25</sub> add 3<sub>18</sub> add 7<sub>9</sub>

subtract 5<sub>26</sub> add 9<sub>27</sub> subtract 3<sub>28</sub> multiply by 2<sub>29</sub> multiply by 2<sub>30</sub> add 9<sub>17</sub> multiply by 2<sub>10</sub>

add 3<sub>39</sub> subtract 2<sub>40</sub> add 1<sub>41</sub> FINISH

add 1<sub>31</sub> add 7<sub>9</sub> multiply by 2<sub>10</sub> add 9<sub>11</sub>

add 4<sub>32</sub> add 9<sub>17</sub> multiply by 2<sub>16</sub> add 9<sub>11</sub> multiply by 2<sub>10</sub> add 9<sub>11</sub>

add 10<sub>15</sub> multiply by 4<sub>12</sub>

**CLASSIFY TRIANGLES**

START 1 2 3 4 5 6

23 22 21 20 19

27 28 29 30 17 18

31 16 15

32 15

FINISH

**36 Games!**

# This resource includes:

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

Students won't even realize they are learning!

START

# CLASSIFY Triangles

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

Recording Sheet

1.	2. equiangular	21.	22.
3.	4.	23. right scalene	24.
5. scalene acute	6.	25.	26.
7.	8.	27.	28.
9.	10.	29.	30.
11.	12.		32.
13.	14.		34.
			36.

# 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

**Patterns**  
 (start your patterns with the number in the corner of each box, list the next three terms)

Operations on cards: subtract 2, add 3, subtract 2, multiply by 3, multiply by 2, multiply by 2, add 8, add 3, add 7, subtract 5, add 9, subtract 3, multiply by 2, multiply by 2, add 9, multiply by 2, add 3, subtract 2, subtract 5, add 3, subtract 2, add 3, subtract 5, add 4, add 4.

**Recording Sheet**

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

1.	2.	21, 63, 189	22.
3, 3, 9, 27	4.		24.
	6.		26.
	8.		28.
			30.
			32.

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**Hold students accountable with a recording sheet**

# Topics Included

1. Identify Points, Lines, Line Segments, Angles
2. Identify Points, Lines, Line Segments, Angles in 2D Shapes
3. Identify Shapes: Classify 2D Figures
4. Classify Triangles
5. Lines of Symmetry
6. Measurement Conversions Larger to Smaller Units
7. Measurement Word Problems
8. Area and Perimeter Word Problems
9. Fraction Line Plot Word Problems
10. Identify Angles
11. Measure Angles
12. Find Unknown Angle Measurements
13. Compare Values of digits  $\times 10$
14. Whole Numbers in Word and Expanded Form
15. Compare Whole Numbers
16. Round Whole Numbers
17. Subtract Whole Numbers
18. Add Whole numbers
19. Multiplication Area Models
20. Division Area Models
21. Equivalent Fractions
22. Compare Fractions with Unlike Denominators or Numerators
23. Add and Subtract Fractions with Like Denominators
24. Add and Subtract Mixed Numbers with Like Denominators
25. Add and Subtract Fractions with Like Denominators Word Problems
26. Multiply Fractions by Whole Numbers
27. Denominators of 10 and 100
28. Convert Decimals to Fractions and Fractions to Decimals
29. Compare Decimals
30. Multiplication by Comparison
31. Multiply and Divide Word Problems
32. Multi-Step Word Problems
33. Factors
34. Multiples
35. Prime or Composite Numbers
36. Patterns

2  
Measure the angle and write the measurement on your recording sheet.



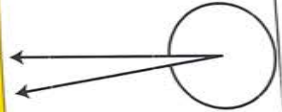
Measure the angle and write the measurement on your recording sheet.



10  
Measure the angle and write the measurement on your recording sheet.



1  
Measure the angle and write the measurement on your recording sheet.



5  
Measure the angle and write the measurement on your recording sheet.



9  
Measure the angle and write the measurement on your recording sheet.



**Measure Angles**

Draw a card when you land on the "solve a problem!" space. You'll either measure the angle and write the measurement on your recording sheet or you'll draw an angle that matches the measurement given to you.

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

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

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



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

Recording Sheet	
1. 352°	21.
2.	22.
3.	23.
4.	24.
5. 180°	25.
6. 45°	26.
7.	27.
8.	28.
9. 90°	29.
10.	30.
11.	31.
12.	32.
13.	33.
14.	34.
15.	35.
16.	36.
17.	37.
18.	38.
19.	39.
20.	40.



# 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**

$3,421 - 48$ <sub>1</sub>	$4,424 - 1,325$ <sub>2</sub>	$2,000 - 163$ <sub>3</sub>	$7,000 - 94$ <sub>4</sub>	$4,509 - 2,786$ <sub>5</sub>	$8,525 - 2,537$ <sub>6</sub>	$1,050 - 1,030$ <sub>7</sub>
$3,000 - 197$ <sub>24</sub>	$7,110 - 5,554$ <sub>23</sub>	$9,309 - 7,109$ <sub>22</sub>	$1,943 - 1,124$ <sub>21</sub>	$4,452 - 2,223$ <sub>20</sub>	$7,161 - 1,228$ <sub>19</sub>	$8,529 - 7,088$ <sub>8</sub>
$9,346 - 1,527$ <sub>25</sub>	<b>Subtracting</b> up to Thousands Place Value				$8,412 - 2,229$ <sub>18</sub>	$4,521 - 1,177$ <sub>9</sub>
$4,205 - 3,478$ <sub>26</sub>					$8,438 - 1,149$ <sub>27</sub>	$4,484 - 1,219$ <sub>28</sub>
$9,841 - 2,722$ <sub>39</sub>	$4,653 - 3,764$ <sub>40</sub>	$4,710 - 1,602$ <sub>41</sub>	<b>START</b>			
$8,806 - 477$ <sub>38</sub>			$3,000 -$			
$6,552 - 1,653$ <sub>37</sub>	$2,320 - 101$ <sub>36</sub>	$7,000 - 699$ <sub>35</sub>				



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

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1.	2.	21.	22. $\begin{array}{r} 9309 \\ - 7109 \\ \hline 2200 \end{array}$
3.	4. $\begin{array}{r} 7487 \\ - 6469 \\ \hline 1018 \end{array}$	23.	24.
5.	6.	25. $\begin{array}{r} 91336 \\ - 1527 \\ \hline 7819 \end{array}$	26.
7.	8.	27.	28.
9.	10.	29.	30.
11.	12.	31.	32.

# 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 **\$45** by purchasing the games in a bundle!
- Gain access to an “All in One” easy download file. It’s a PDF that has ALL 36 games to make it easier to print!

# Add to Cart!

Purchase now to see  
student engagement and  
student achievement  
increase!