



Greetings,

Finding solutions for families who are actively involved in their children's learning is a continuing source of inspiration for Game Bags. Research proves children whose families read to them, help them with homework, talk to their teachers, and participate in their learning in other ways have a tremendous advantage in school and in life.

Playing games can help children develop decision making and mental math skills. There are many games sold commercially, such as board games that involve patterns and probability. Playing games such as counting games and games that keep score are great ways to help develop math skills. Games require children to use strategies to make decisions, solve problems, and develop an understanding about numbers

and how to use them.

This book includes instructions for 33 math games for families with elementary school-aged children. These math games use materials found inside your home and also make learning experiences out of everyday routines, such as ordering from a restaurant menu or putting gas in your car to check the kind of mileage you are getting. The math games are designed for you to have fun with your child while reinforcing mathematical skills. Most games are designed for 2 or more players.

Below is a list of the 33 Math Games found in this book. Please note that this is an instruction book only and does **not** include information regarding how to hold a swap. If you decide to coordinate a swap, you can purchase the **Coordinator Handbook** separately at www.GameBags.com.

1. 3's Place	12. Math Bingo	23. Stacks of Money
2. Add it Up	13. Math Blocks	24. Telling Time
3. Bead Bingo	14. Math Menu	25. Tick Math Toe
4. Dot to Dots	15. Memory Math	26. Trickster #1
5. Double Digits	16. Multiplication Toss	27. Trickster #2
6. Fact Families (Add & Subtract)	17. Multiply and Conquer	28. Trickster #3
7. Fact Families (Mult. & Div.)	18. Number Line	29. Trickster #4
8. Game Toss	19. Number Writing	30. Trickster #5
9. Great or Small	20. Place Value	31. Turn of the Card
10 How Many Dots?	21. Roll & Color	32. What Time is It?
11. Match Em Up	22. Shape Bingo	33. Word Problems

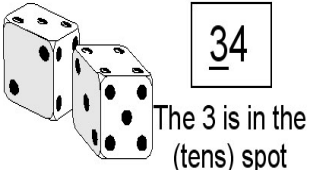
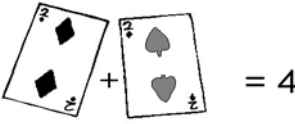
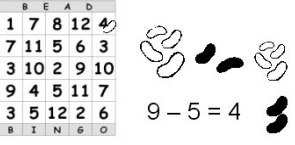
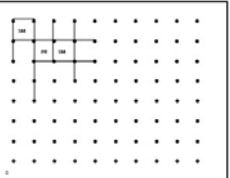
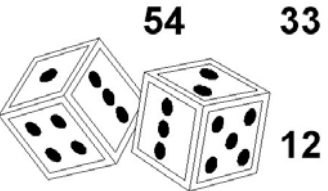
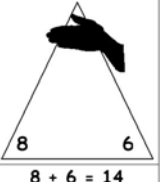
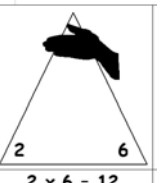
We hope this book will help you continue to participate in your children's learning. We hope you and your children will enjoy the games suggested in this book and develop many more of your own. Our books are committed to help you continue to be involved in your family's education. Your commitment will encourage your children to reach their full potential.

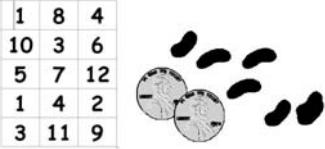
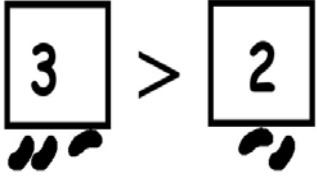
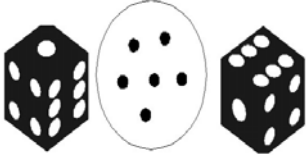
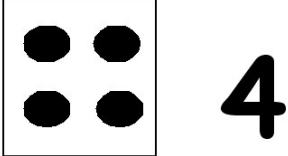
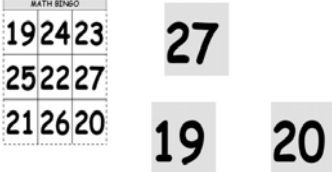

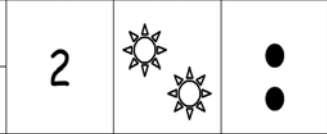

To the continued success of your children's education!

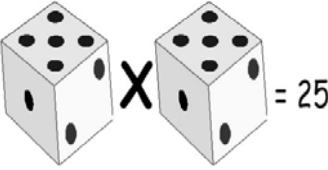
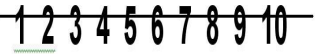
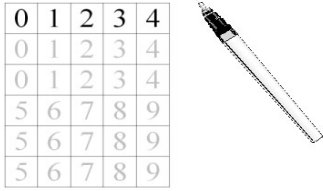
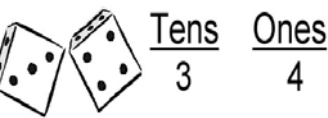

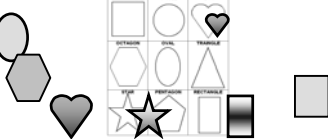
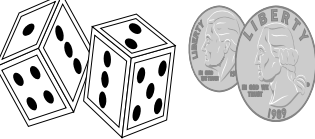
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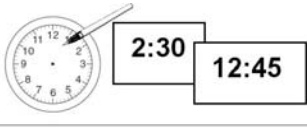

MATH GAMES AT A GLANCE

Below is a list of the Math Games in alphabetical order. We included a description of each Math Games, general supplies needed for assembly and the number of masters needed. Please note that ALL the Math Games below require a Math Games Instruction sheet. Some of them, but not all, have some master graphics that will need to be copied.

	<p>1. 3's Place Page #: 11 Description: This game will help you to learn place value for ones, tens, hundreds, and thousands using a die. General Supplies Needed: copies, die, plastic sandwich bag Masters: 6</p>
	<p>2. Add it Up Page #: 20 Description: Use a deck of cards to add and subtract. General Supplies Needed: deck of cards, copy paper Masters: 0</p>
	<p>3. Bead Bingo Page #: 23 Description: Play bingo by adding and subtracting. General Supplies Needed: copies, beads, sandwich bag Masters: 4</p>
	<p>4. Dot to Dots Page #: 30 Description: Build boxes by connecting the dots. General Supplies Needed: copies, plastic page protectors, felt, dry erase marker Masters: 1</p>
	<p>5. Double Digits Page #: 34 Description: Add and subtract double digits to reach 150 General Supplies Needed: copies, plastic page protectors, die, felt, dry erase marker Masters: 1</p>
	<p>6. Fact Families (Addition and Subtraction) Page #: 38 Description: Use fact family flash cards to help you with addition and subtraction. General Supplies Needed: copies, cardstock Masters: 5</p>
	<p>7. Fact Families (Multiplication & Division) Page #: 46 Description: Use fact family flash cards to help you with multiplication and division. General Supplies Needed: copies, cardstock Masters: 7</p>

	<p>8. Game Toss Page #: 56 Description: Toss a penny, land on a number and collect your points. General Supplies Needed: copies, cardstock, beans, sandwich bag, penny Masters: 1</p>
	<p>9. Great or Small Page #: 60 Description: Compare numbers to find out if they are smaller or greater. General Supplies Needed: beans or small beads, sandwich bags, copies, cardstock, wooden craft sticks Masters: 5</p>
	<p>10. How Many Dots? Page #: 68 Description: Roll the dice and add up your dots! General Supplies Needed: copies, cardstock, plastic page protector, felt, dice, dry erase marker Masters: 1</p>
	<p>11. Match Em Up Page #: 72 Description: Learn to match your numbers quickly. General Supplies Needed: copies, cardstock in 5 different colors, sandwich bag Masters: 5</p>
	<p>12. Math Bingo Page #: 80 Description: Play a game of bingo to learn your numbers. General Supplies Needed: copies, cardstock in 3 colors, sandwich bag Masters: 6</p>
	<p>13. Math Blocks Page #: 89 Description: Build numbers using math cubes. General Supplies Needed: cardstock in 4 colors, copies Masters: 6</p>
	<p>14. Memory Math Page #: 98 Description: Learn your numbers by playing a fun memory game. General Supplies Needed: cardstock, copies, sandwich bags Masters: 5</p>
	<p>15. Menu Math Page #: 106 Description: Order a meal for your family without going over a budget. General Supplies Needed: take-out menus from a restaurant, copies Masters: 1</p>

	<p>16. Multiplication Toss Page #: 110 Description: Learn your multiplication facts to 36. General Supplies Needed: die, medium size beads, sandwich bags, copies Masters: 0</p>
<p>44 = 1 x 44 = 2 x 22 = 4 x 11</p>	<p>17. Multiply & Conquer Page #: 113 Description: Use flashcards to help you multiply and find the answer. General Supplies Needed: cardstock, copies, sandwich bags, paper Masters: 6</p>
	<p>18. Number Line Page #: 122 Description: Learn the concept of a number line by adding and subtracting. General Supplies Needed: cardstock, copies, sandwich bags. Masters: 2</p>
	<p>19. Number Writing Page #: 127 Description: Have fun while you practice writing your numbers. General Supplies Needed: cardstock, copies, plastic page protector, felt eraser, dry erase marker Masters: 1</p>
	<p>20. Place Value Page #: 131 Description: Roll the dice and put the numbers in the correct place value. General Supplies Needed: cardstock, copies, plastic page protector, dry erase marker, die, felt eraser Masters: 1</p>
	<p>21. Roll & Color Page #: 135 Description: Roll the die and be the first to color your picture! General Supplies Needed: copies, cardstock, crayons, die, sandwich bags Masters: 4</p>
	<p>22. Shape Bingo Page #: 142 Description: Play bingo while learning your shapes. General Supplies Needed: cardstock, copies, sandwich bag Masters: 4</p>
	<p>23. Stacks of Money Page #: 149 Description: Roll the dice and add up your money. General Supplies Needed: cardstock, copies, die Masters: 1</p>

	<p>24. Telling Time Page #: 153 Description: Draw a card and learn how to tell time. General Supplies Needed: cardstock, copies, page protectors, felt eraser, dry erase maker Masters: 3</p>												
<table border="1" data-bbox="142 373 332 487"> <tr><td>1x</td><td>3</td><td>12</td></tr> <tr><td>11</td><td>9</td><td>7</td></tr> <tr><td>5</td><td>10</td><td>2</td></tr> </table> 	1x	3	12	11	9	7	5	10	2	<p>25. Tick Math Toe Page #: 159 Description: Use numbers to play a similar version of Tic Tac Toe. General Supplies Needed: cardstock, copies, page protectors, felt eraser, die Masters: 2</p>			
1x	3	12											
11	9	7											
5	10	2											
<p>??? #1</p>	<p>26. Trickster #1 Page #: 164 Description: Find out how all roads lead to 99. General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 1</p>												
<p>??? #2</p>	<p>27. Trickster #2 Page #: 168 Description: Show a friend how you WOW them with numbers. General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 1</p>												
<p>??? #3</p>	<p>28. Trickster #3 Page #: 172 Description: Play a game where your number will always be 1! General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 1</p>												
<p>??? #4</p>	<p>29. Trickster #4 Page #: 176 Description: Keep trying until you get the answer 6174. General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 1</p>												
<p>??? #5</p>	<p>30. Trickster #5 Page #: 180 Description: Do a math trick to learn someone's age. General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 1</p>												
<table data-bbox="154 1701 430 1816"> <tr><td>9</td><td>12</td><td>4</td><td>3</td></tr> <tr><td>+ 4</td><td>+ 3</td><td>9</td><td></td></tr> <tr><td>13</td><td>15</td><td></td><td></td></tr> </table>	9	12	4	3	+ 4	+ 3	9		13	15			<p>31. Turn of the Card Page #: 184 Description: Keep adding cards until you reach 100! General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker Masters: 2</p>
9	12	4	3										
+ 4	+ 3	9											
13	15												

1 + 3 = 4 clock



32. What Time is it?

Page #: 189

Description: Using addition to tell time.

General Supplies Needed: cardstock, masters, felt eraser, page protector, dry erase marker

Masters: 1

?
If you had ___ cars, how many....
If you had ___ quarters.... ?
If you saw ___ hands in the air, how many fingers....

33. Word Problems

Page #: 193

Description: Fill in your own numbers to complete word problems.

General Supplies Needed: masters, copy paper, cardstock, page protectors, felt eraser, dry erase marker

Masters: 6