

# Domino & Dice Math Worksheets

By Erica @ [www.confessionsofahomeschooler.com](http://www.confessionsofahomeschooler.com)

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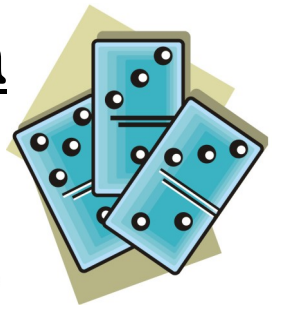
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The logo for Erica Made Designs, LLC, featuring the name "Erica" in a stylized, cursive, reddish-brown font.

# Domino Math: Addition



Lie a handful of dominoes out face down. Pick one at random. Count the dots on one side and write that number, then the dots other and write in that one. Add to find the answer. For older students: Pick two dominoes, add the numbers from one domino, and write it in on the left side of the addition symbol, then do the same for the other domino, writing the answer to the right of the symbol. Add to find the answer.

$$\square + \square$$

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$$\square$$
$$\square + \square$$

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$$\square$$
$$\square + \square$$

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$$\square$$
$$\square + \square$$

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$$\square$$
$$\square + \square$$

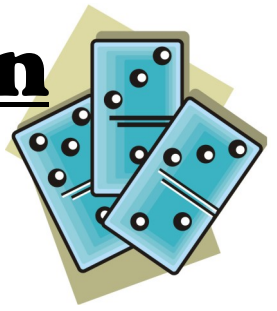
=

$$\square$$
$$\square + \square$$

=

$$\square$$

# Domino Math: Subtraction



Lie a handful of dominoes out face down. Pick one at random. Count the dots on one side and write that number, then the other and write in that one. Subtract to find the answer. For older students: Pick two dominoes, subtract the numbers from one, and write it in on the left side of the subtraction symbol, then do the same for the other domino, writing the answer to the right of the symbol. Subtract to find the answer.

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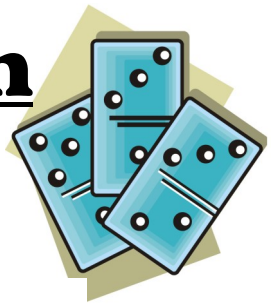
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# Domino Math: Multiplication

Lie a handful of dominoes out face down. Pick one at random. Count the dots on one side and write that number, then the other and write in that one. Multiply to find the answer. For older students: Pick two dominoes, multiply the numbers from one, and write it in on the left side of the symbol, then do the same for the other domino, writing the answer to the right of the symbol. multiply to find the answer.



$$\boxed{\quad \times \quad} = \boxed{\quad}$$

$$\boxed{\quad \times \quad} = \boxed{\quad}$$

$$\boxed{\quad \times \quad} = \boxed{\quad}$$

$$\boxed{\quad \times \quad} = \boxed{\quad}$$

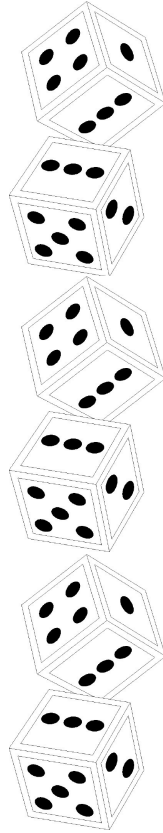
$$\boxed{\quad \times \quad} = \boxed{\quad}$$

$$\boxed{\quad \times \quad} = \boxed{\quad}$$

# Preschool Yahtzee

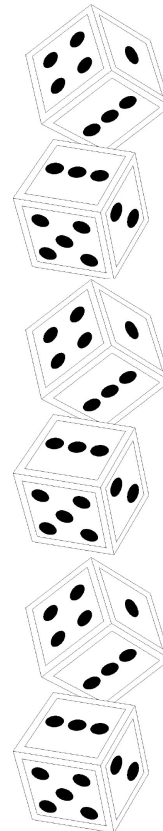
Using one die, roll it, color in the box next to the number rolled. First person to fill in their grid wins!

1	
2	
3	
4	
5	
6	



1	
2	
3	
4	
5	
6	

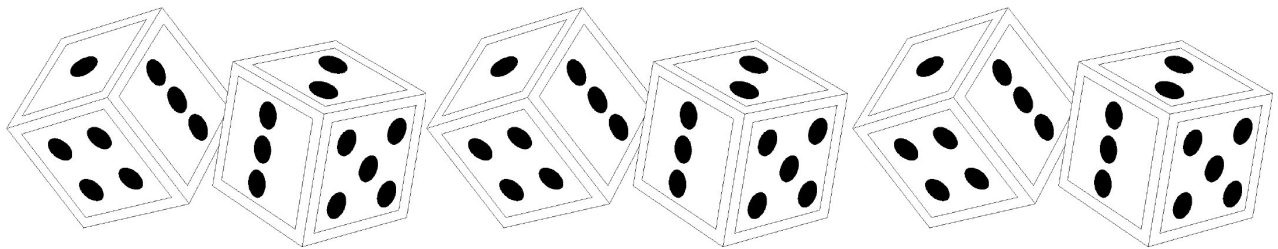
1	
2	
3	
4	
5	
6	



1	
2	
3	
4	
5	
6	

# Preschool Probability

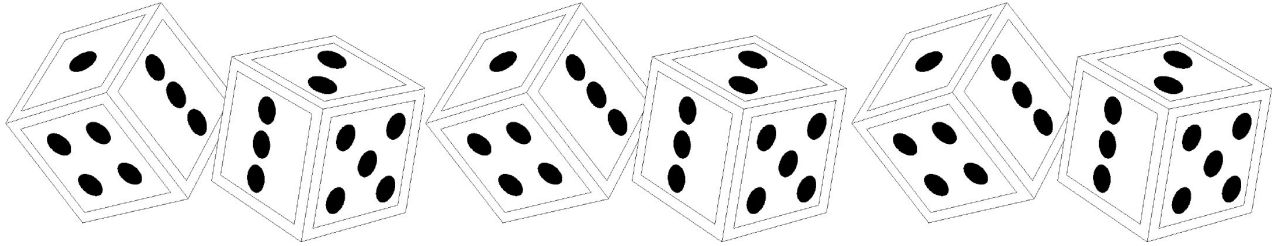
Using one die, roll it, color in the box next to the number rolled.  
Once you hit the end of one number, discuss probability of rolls, which number was rolled most, least?



1					
2					
3					
4					
5					
6					

# Preschool Roll & Trace

Using one die, roll a number then then trace it. Roll until each number has been traced over.  
Alternative: Can also be played by placing bingo dots, or some other small manipulative over the number rolled.

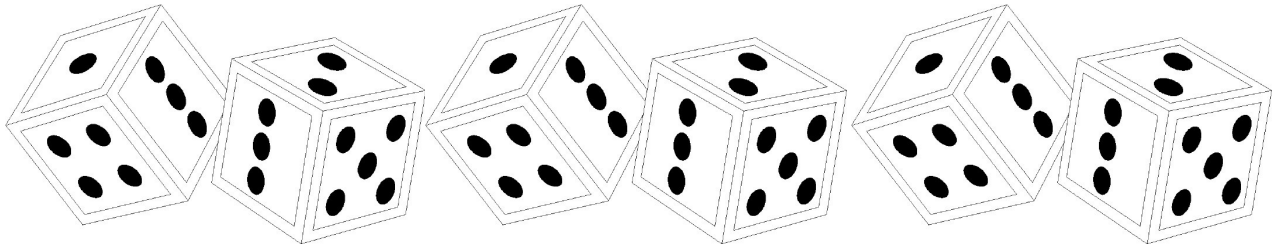


1	2	3	6
5	2	1	4
4	5	6	3
6	2	5	2
1	3	2	4



# Elementary Roll & Trace

Using two dice, roll then add the dice together to get your number, then trace it. Roll until each number has been traced over.  
Alternative: Can also be played by placing bingo dots, or some other small manipulative over the number rolled.

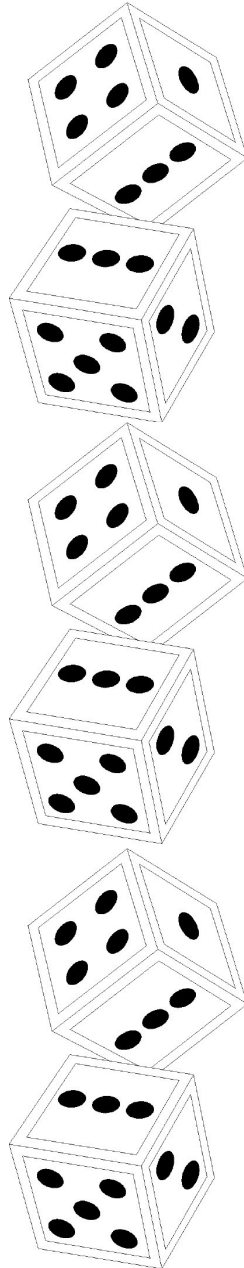


11	12	7	10
3	10	2	5
4	5	6	9
9	2	3	7
11	12	8	6

# Elementary Yahtzee

1 or more players: Roll two dice, color in the box next to the sum of both die rolled.  
First person to fill in their grid wins!

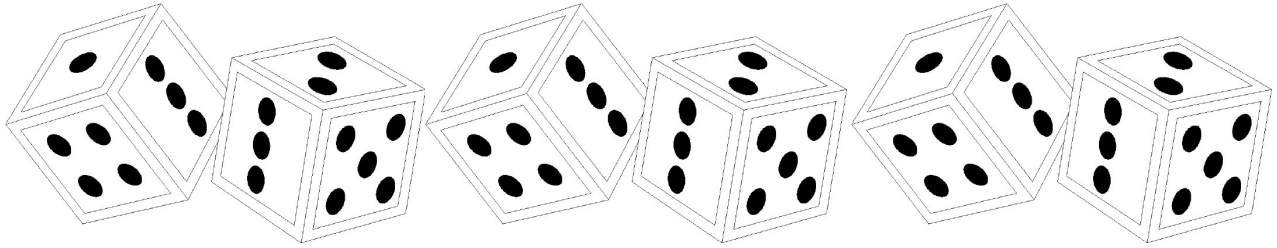
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	



2	
3	
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5	
6	
7	
8	
9	
10	
11	
12	

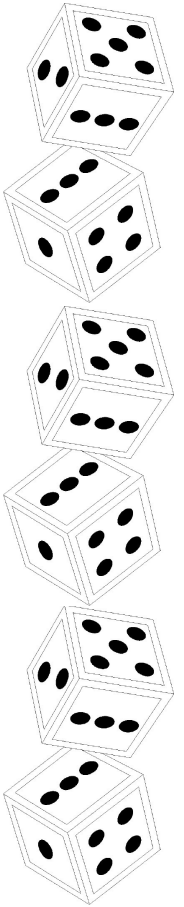
# Elementary Probability

Roll two dice, add them together, then color in the box next to the sum of both die rolled. Once you fill in one entire row across, discuss probability of rolls. Which combination was rolled most, least?



2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

# Clear the Board



2	3	4	5	6	7	8	9	10	11	12										

**2 Players:** Each player gets one color of unifix cubes, 10 each

**Play the game:** Using 10 unifix cubes, place them on the game board (one in each square) above the numbers you think will be easiest to roll. Roll 2 die, and add the total. If you roll a number that has a cube above it, you may remove the cube. If there isn't a cube above your number, it's the other player's turn. Play until one player clears the board first.

(1 Player alternative: Have student roll until they clear all the cubes from the board.)