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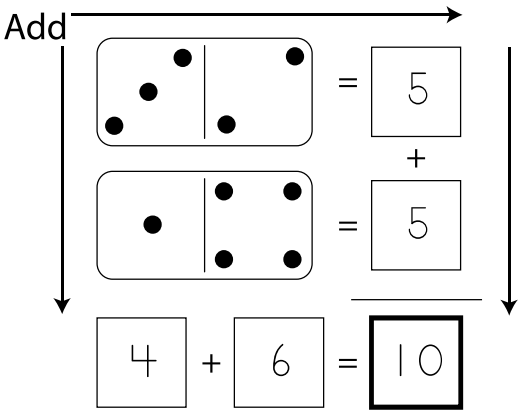
More Domino Magic Squares page 1 of 2

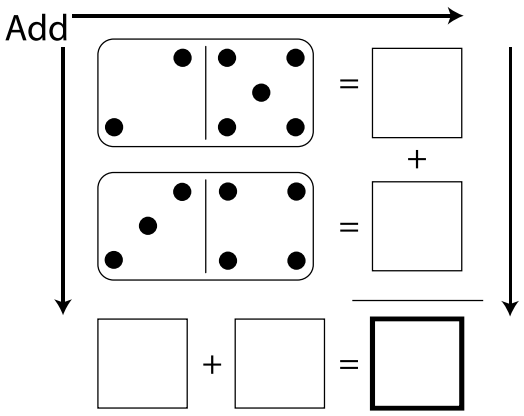
How many dots?

Add the dots on the dominoes going down each column and then going across each row. Then add the sums both ways, vertically and horizontally. Do you get the same total both times? Is it magic, or is there a mathematical explanation?

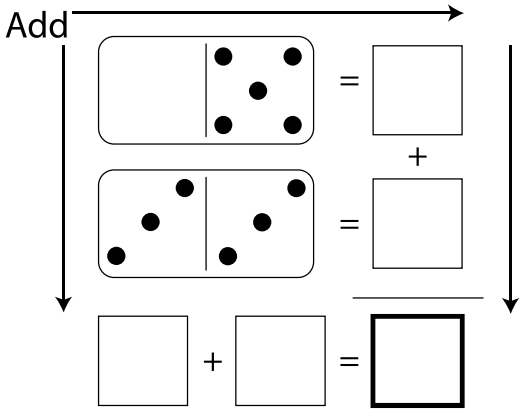
ex



1



2



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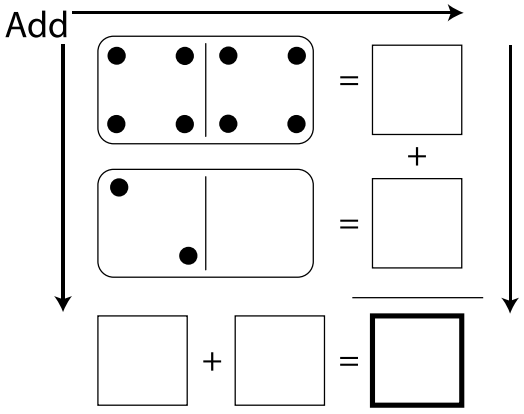

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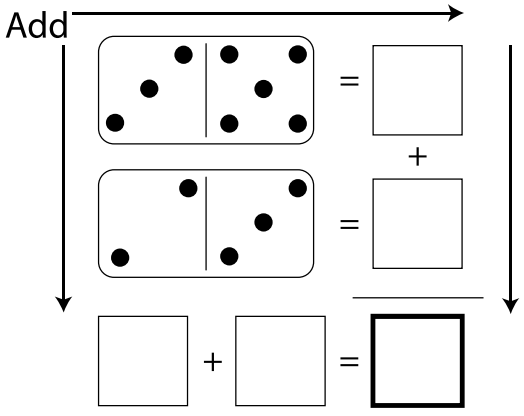

(continued on next page)

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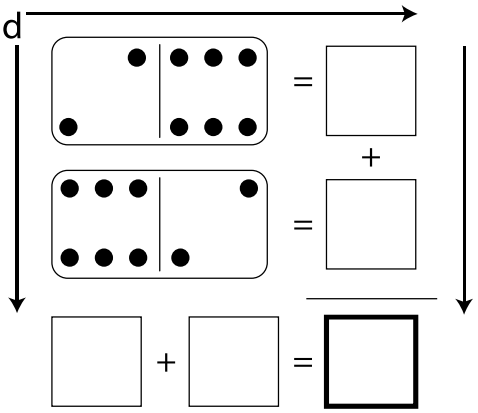
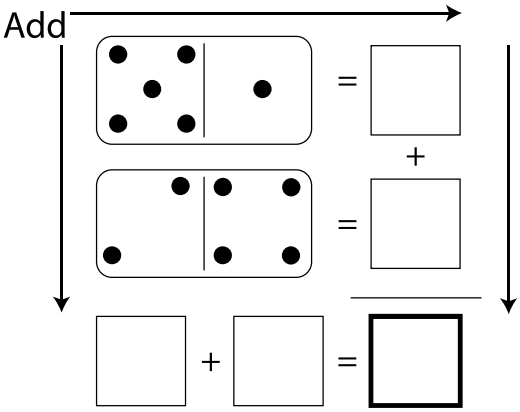
5 Add

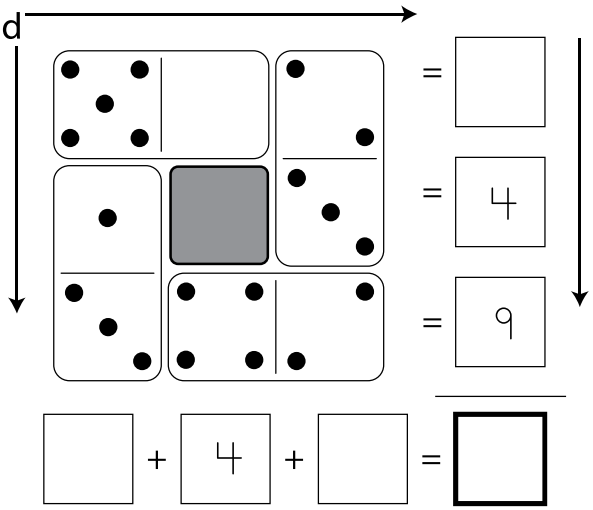


6 Add

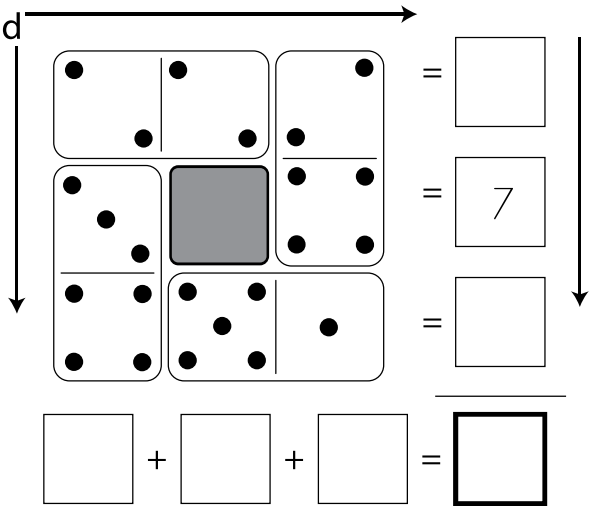


Challenge Problems

7 Add



8 Add



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Numbers & Domino Dots page 1 of 2

1 Trace each number.

1	2	3	4	5	6	7	8	9	10

2 Fill in the missing numbers.

1	**2**	**3**		**5**	**6**	**7**		**9**	**10**
11	**12**		**14**	**15**		**17**	**18**		**20**
21		**23**		**25**	**26**			**29**	**30**
31				**35**		**37**			**40**

(continued on next page)

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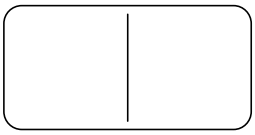
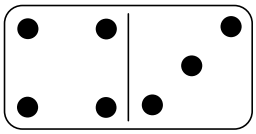
Numbers & Domino Dots page 2 of 2

Solve the problems about dominoes below.

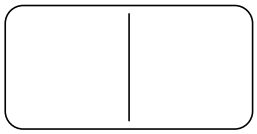
3 Sam has a domino with 4 dots on it. Draw the dots on this domino to show how Sam's domino looks.



4 Maria's domino has 1 less dot than Tim's. Draw the dots on Tim's domino to show how it looks.



Maria's domino

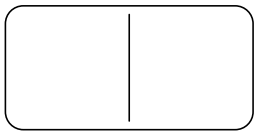


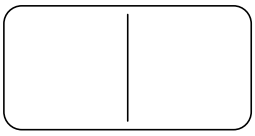
Tim's domino

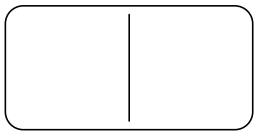
How many dots? _____

How many dots? _____

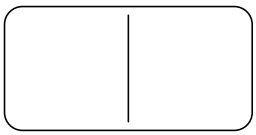
5 Jeff's domino has 6 dots. Draw dots on the dominoes below to show three different dominoes that Jeff might have.



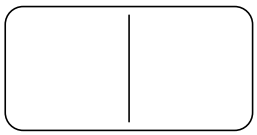




6 **CHALLENGE** Tom has a domino with some dots. Kim's domino has 2 more dots than Tom's. Draw dots on these two dominoes to show how Tom's and Kim's dominoes look.



Tom's domino



Kim's domino

How many dots? _____

How many dots? _____