

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

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# NUMBER MAGIC

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## Key to STEM Interest Badge

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Math is important! Name five ways we use math in everyday life.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

How did people do math before there were calculators and computers?

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There are lots of possible math games you could play. Sudoku is one math game that uses logic. Here is an easy Sudoku to try.

4			
1			
			4
			3

Fill in the boxes using the numbers 1 to 4.  
Every row and every column and every group  
of 4 boxes inside the thicker lines must  
contain each number only once.

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Dot to dot puzzles are another type of math game. Practice counting and connect the dots below.



- ☐ Use math to figure out how to sew a piece of clothing or make a craft or model. Bring what you made to Brownies to share.

How did you use math to make it?

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Count the girls in your Brownie unit. How many girls are in your unit? \_\_\_\_\_

How many girls have black hair? \_\_\_\_\_

How many girls have brown hair? \_\_\_\_\_

How many girls have blonde hair? \_\_\_\_\_

How many girls have red hair? \_\_\_\_\_

How many girls have green eyes? \_\_\_\_\_

How many girls have blue eyes? \_\_\_\_\_

How many girls have grey eyes? \_\_\_\_\_

How many girls have brown eyes? \_\_\_\_\_