

Worksheet for Chapter One - Counting - in *Math for Mystics*

Hand-counting:

1. How would you count your own age using the 12-knuckles method?
 2. Try the same thing with the 14-knuckles (fingers and thumbs) method.
 3. How many handfuls of years do you have?
 4. Notice any perceptual shifts when you change how you count.
 5. Play with 9 a bit, including the practice of “casting out nines.” (This is on page 9, of course.) Can you find any other 9-oriented tricks?
 6. Was there anything special about your multiple-of-9 birthdays or those years of your life? That would be 9, 18, 27, 36, 45, 54, 63, 72, 81, 90, 99, 108 and on. Create a 9-themed party for a friend approaching one of these birthdays.
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Metonic Cycle (page 11):

1. Nineteen years ago today, the moon was in the same phase, sign and declination in the sky. What were YOU doing 19 years ago today?
 2. Every 19th birthday, give or take a few hours, the moon will be just as it was at the time of your birth - same phase, same sign and same declination in the sky. Consider having a Lunar-Return theme birthday party on your 19th, 38th, 57th, 76th, 95th and 114th birthdays. (Remember, each birthday is already a Solar Return, and we each have a Lunar Return once a month - just not one in the Metonic cycle.)
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Dice (page 11-12):

1. Using the patterns on dice - one dots, two dots, etc. through six dots - how many different ways can you find for writing out your age?
2. Alternatively, what's the *minimum* number of dice you need?

This worksheet goes with *Math for Mystics: From the Fibonacci Sequence to Luna's Labyrinth to the Golden Section and Other Secrets of Sacred Geometry* by Renna Shesso
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