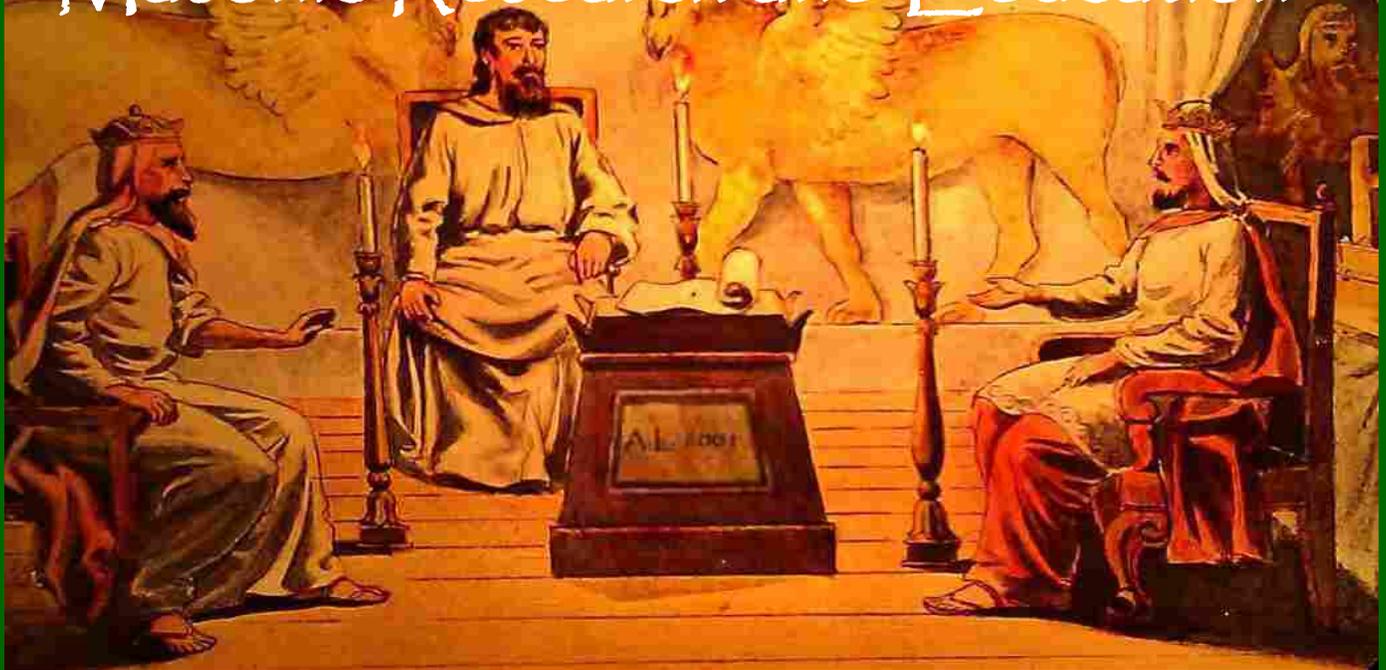


New Jersey Lodge of Masonic Research and Education



Are you an “Information Mason”?

- Are you looking for more “light” in Masonry?
- Do you seek the challenges of Masonic scholarship?
- Do you enjoy crafting and presenting your own work?
- Do you appreciate the fellowship of like-minded brothers?
- If so, you are already an “Information Mason” in your heart, so . . . Why not make it official?!



Join the New Jersey Lodge of Masonic Research and Education No. 1786 and add a new dimension to your Masonic activities.

The purpose of the New Jersey Lodge of Masonic Research and Education is to foster the education of the Craft at large through prepared research and open discussion of topics concerning Masonic history, symbolism, philosophy, and current events.

Our lodge meets on the second Saturdays of March, June, September and December at Hightstown-Apollo Lodge No. 41, 535 North Main Street, Hightstown.

To learn more, visit our website at <http://njlore1786.org> or contact Bro. Martin Bogardus at mbb08021@comcast.net

All Master Masons are welcome at our meetings!

Entertainment

Puzzle Pages



Christmas Math

A high school student, let's call him Micky, who thought himself particularly clever in all things, lay in wait one Christmas night to try to catch Santa in the act of delivering presents.

Almost to his own surprise, he did indeed catch the jolly old elf. As Santa slid down the chimney and popped out of the fireplace, Micky leapt from his hiding place with a shout — “AHA!”



What Micky had failed to consider was the considerable leverage Santa had — namely the contents of the sack on his back.

Now Santa might have simply declared Micky a “bad boy” on the spot, and left him a lump of coal, but Santa is kinder and wiser than that, and gave the kid an out.

Checking the grandfather's clock that stood in one corner of the room, Santa noticed it was exactly 3:15am. “Ho, ho, ho!” Santa said to Micky, “If you expect me to leave you presents, tell me the exact angle between the minute and hour hands on that clock?”

If you were Micky, would you end up with presents, or a lump of coal?!

Santa's Reindeer Farm

A little know fact is that Santa, and many of his elves are Masons. One summer, Santa was finally due for a vacation. So he decided to leave his Reindeer Farm in the hands of three of his elves to test their mettle. Based on seniority, he left instructions that the 17 resident reindeer were to be cared for as follows:

- half the reindeer were to be taken care of by Fellowcraft elf, Twinkle;
- a third of the reindeer were to be cared for by Entered Apprentice elf, Winkle;
- and a ninth of the reindeer would be under the eye of Petitioner elf, Sparkle.

But the three elves quickly ran into a roadblock when they realized that there was no way to divide the seventeen reindeer into halves, or thirds, or ninths — so they were hopelessly unable to fulfill Santa's wishes.

Finally despairing, and in need of help, they called for the assistance of an old Past Master Elf, Glitter, who had retired, along with Rudolph (the red-nosed reindeer), to a life of quietude on the outskirts of Santa's north pole village. Glitter and Rudolph arrived and solved the problem for the puzzled three. Can you figure out how?

Puzzle Solutions

CHRISTMAS MATH

If you guessed zero degrees — here's your lump of coal! The hour hand, which pointed directly at the 3 at 3 o'clock, continued to move for the next 15 minutes, so that at 3:15, the minute hand pointed to the 3, but the hour hand had moved on quarter of the way between the 3 and the 4.

That tiny wedge represents 15 minutes of the entire 12 hour (720 minutes) circle. The circle being also 360°, the angle represented is $15/720 \times 360^\circ$ or 7.5° .



We may never know if Micky came up with the right answer and got his presents from Santa. The question is, did you?

SANTA'S REINDEER FARM

Glitter and Rudolph smiled at each other knowingly and Glitter said, "Why don't I loan you Rudolph, temporarily, and see if that helps with your situation."

With Rudolph boosting the flock to eighteen, Twinkle quickly chose half — nine reindeer — to fulfill his responsibilities. Then Winkle chose six — one third of the eighteen — and settled in to do his part of the job. Finally, with three reindeer remaining, Sparkle chose two — one ninth of the eighteen — and his position was secure.

The last remaining reindeer was, of course, Rudolph, whom no one had chosen because he was only a temporary loan. Glitter and Rudolph again smiled at each other knowingly, and returned to their comfortable retirement — leaving the amazed Twinkle, Winkle, and Sparkle confused, but satisfied.