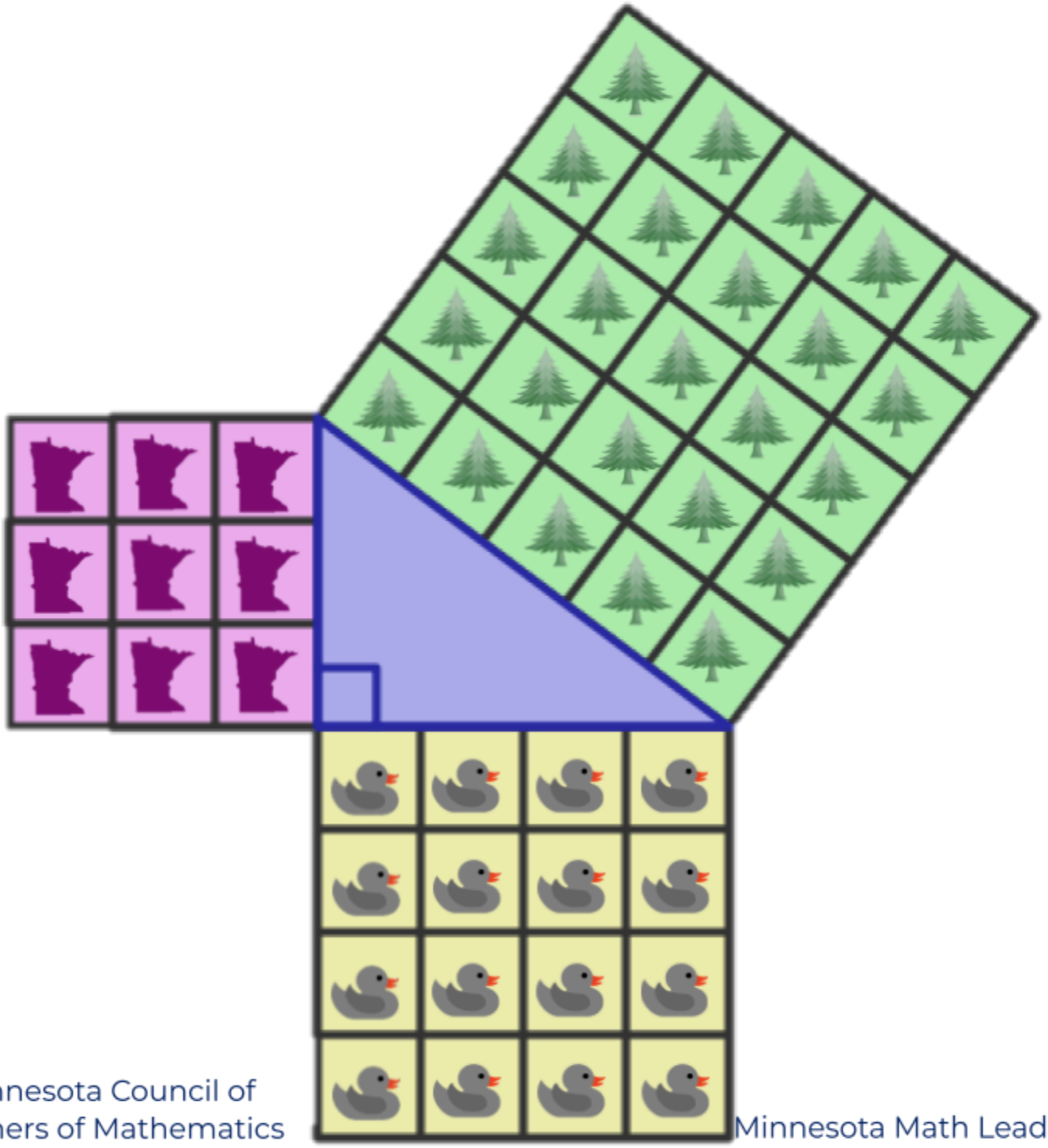
Perfect Square Day

9.16.25 $3^2.4^2.5^2$



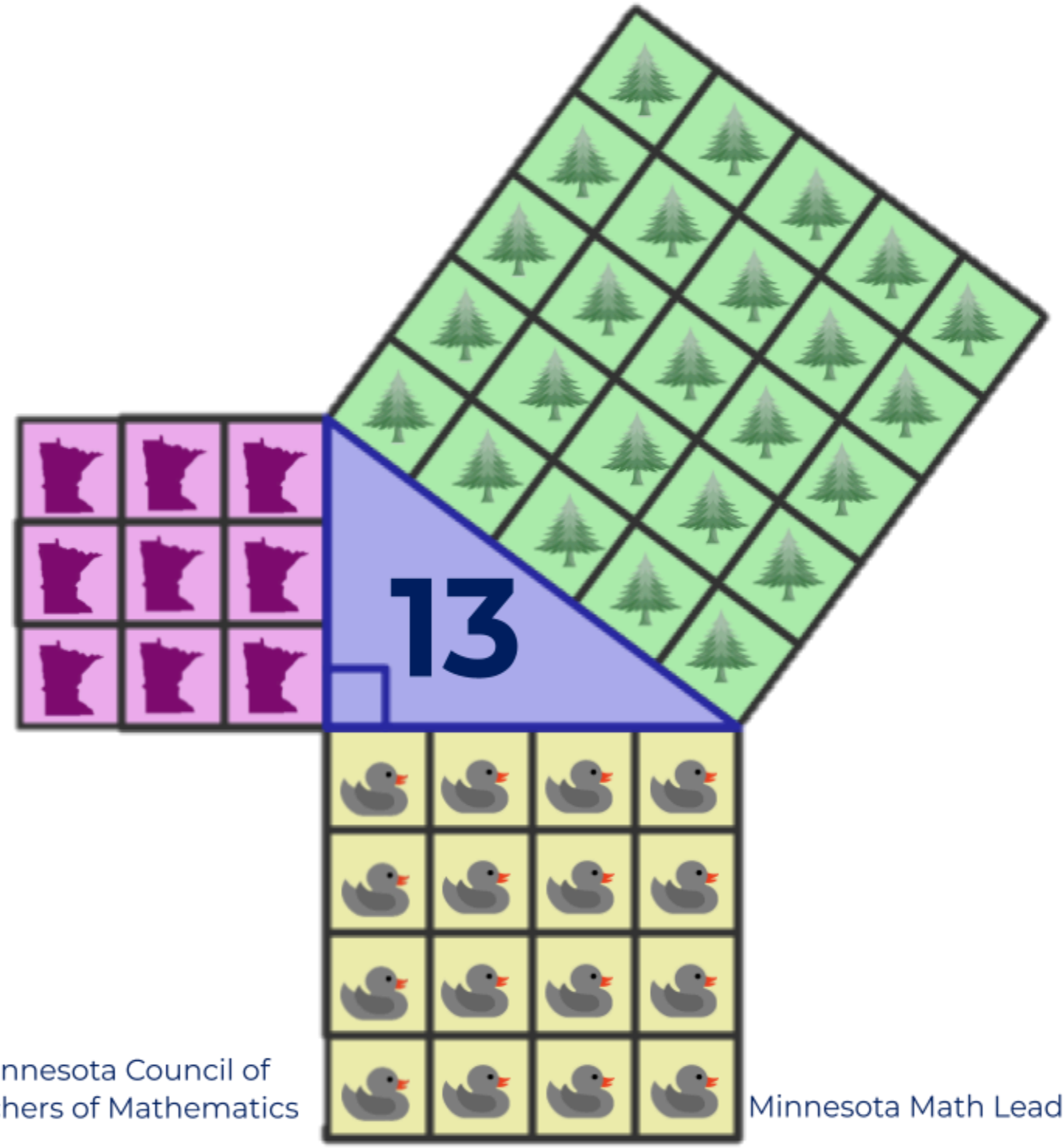
Minnesota Council of Teachers of Mathematics

Minnesota Math Leaders

13 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



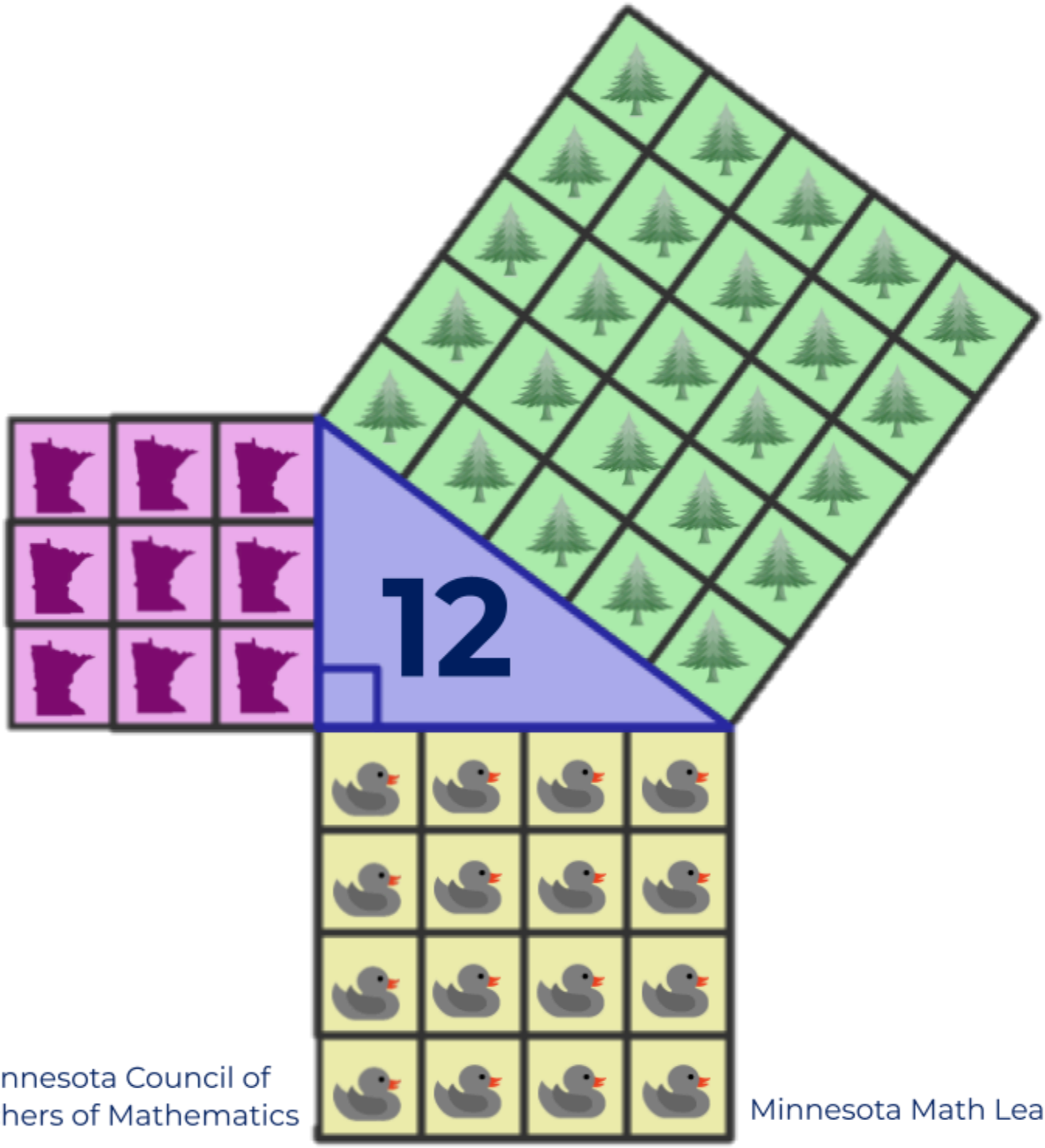
Minnesota Council of Teachers of Mathematics

Minnesota Math Leaders

12 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



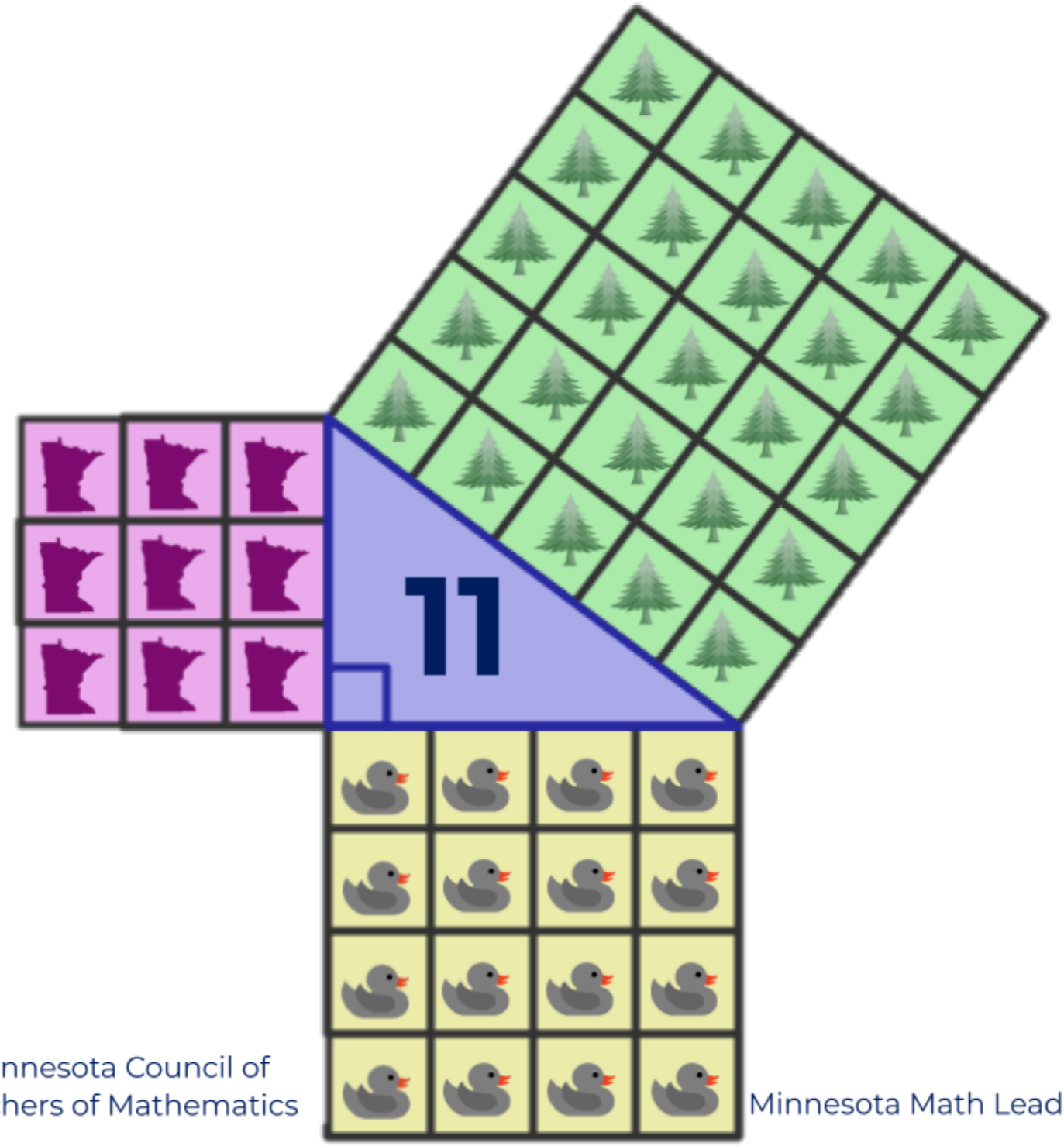
Minnesota Council of Teachers of Mathematics

Minnesota Math Leaders

11 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



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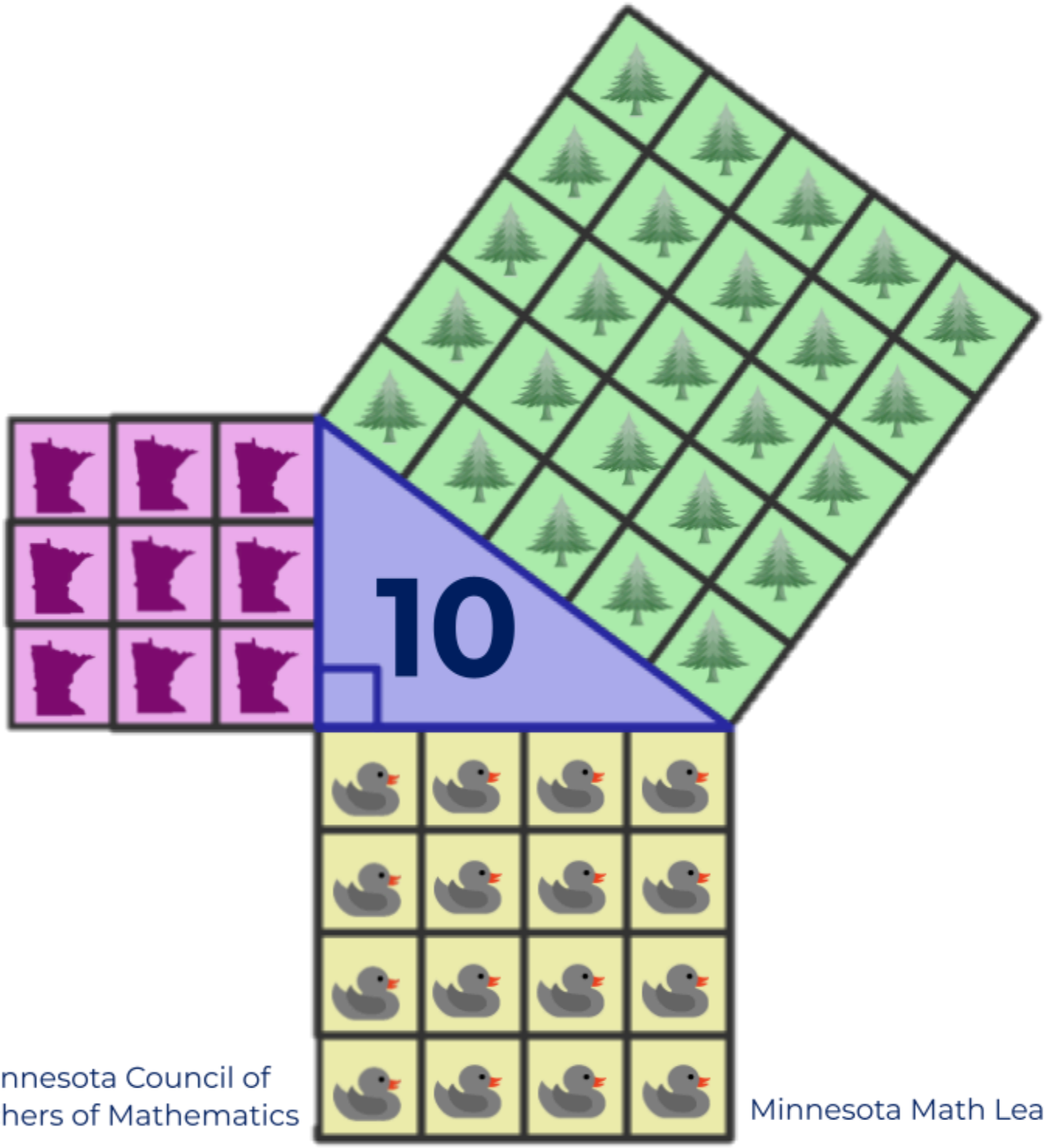
10 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



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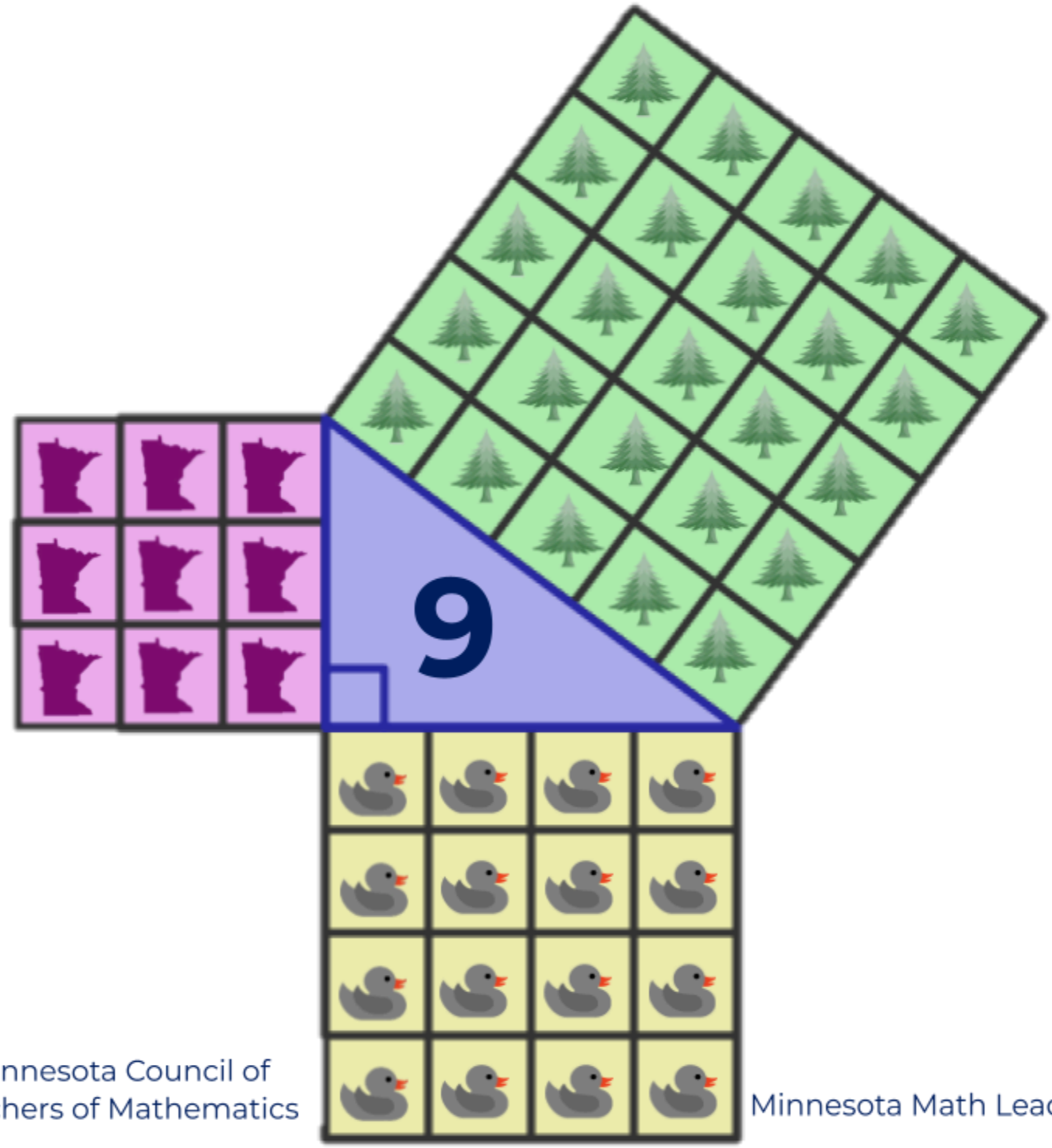
Minnesota Math Leaders

9 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



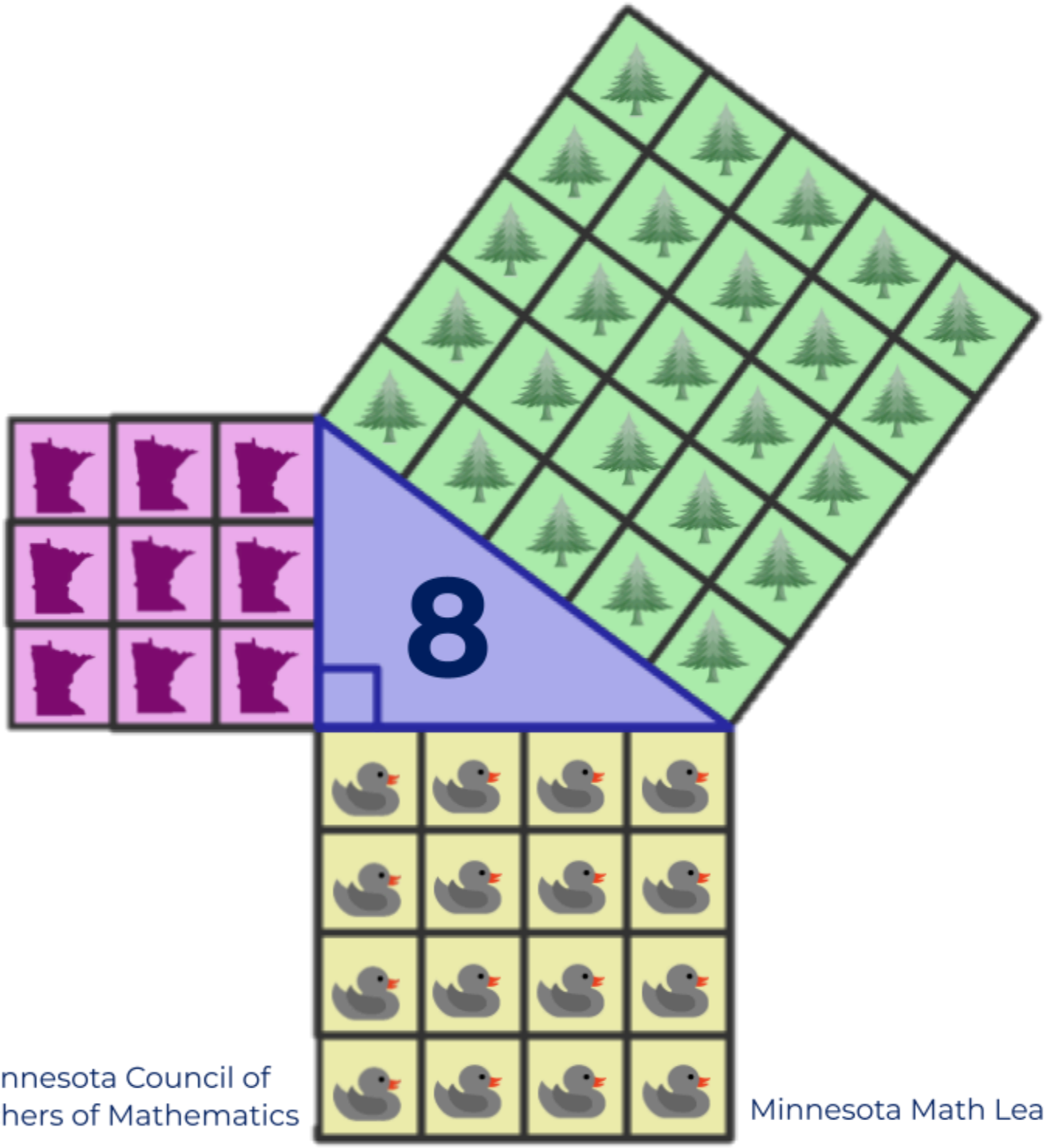
Minnesota Council of Teachers of Mathematics

Minnesota Math Leaders

8 days until

Perfect Square Day

9.16.25 $3^2.4^2.5^2$



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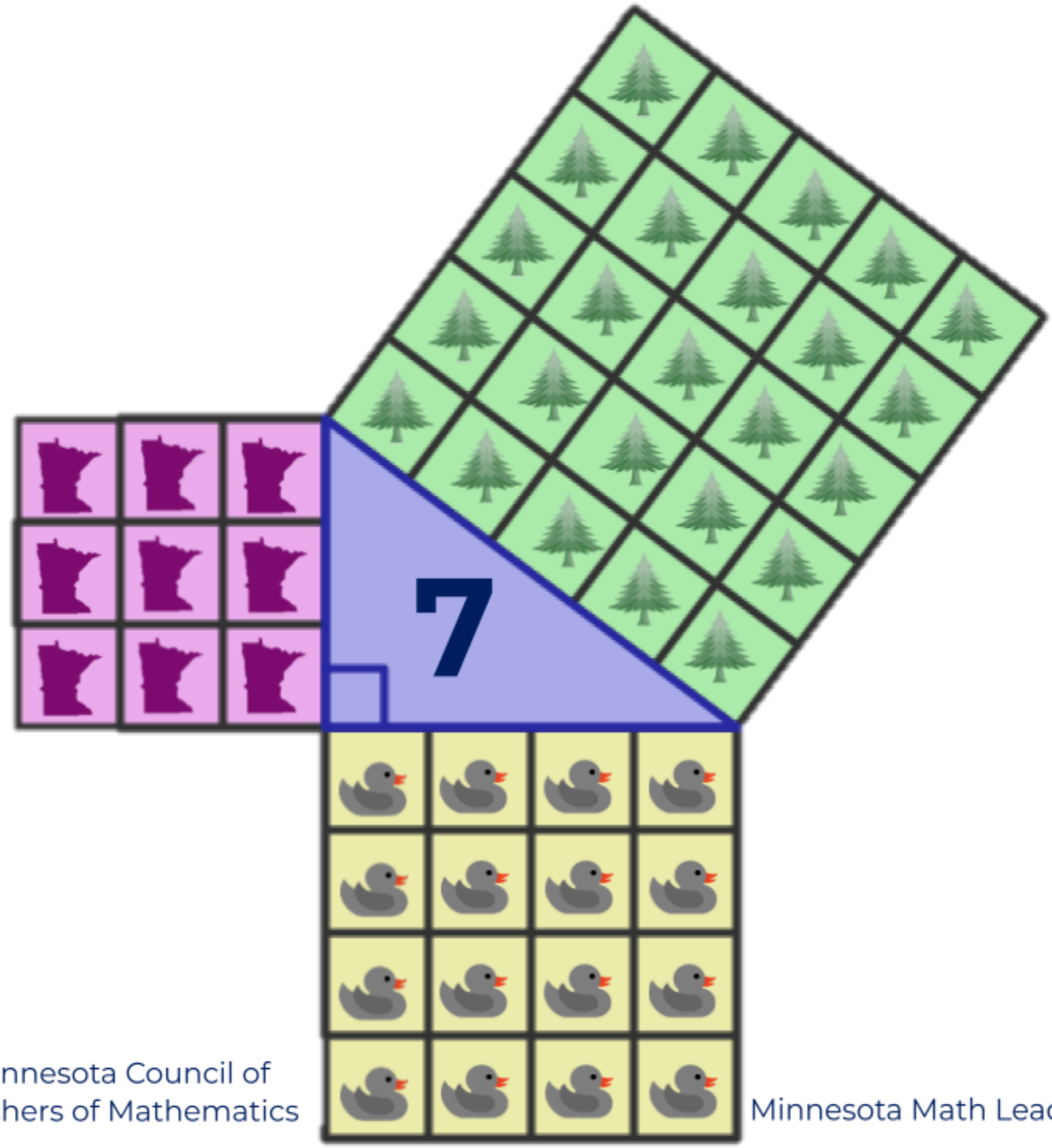
Minnesota Math Leaders

7 days until

Perfect Square Day

$9.16.25 \quad 3^2.4^2.5^2$



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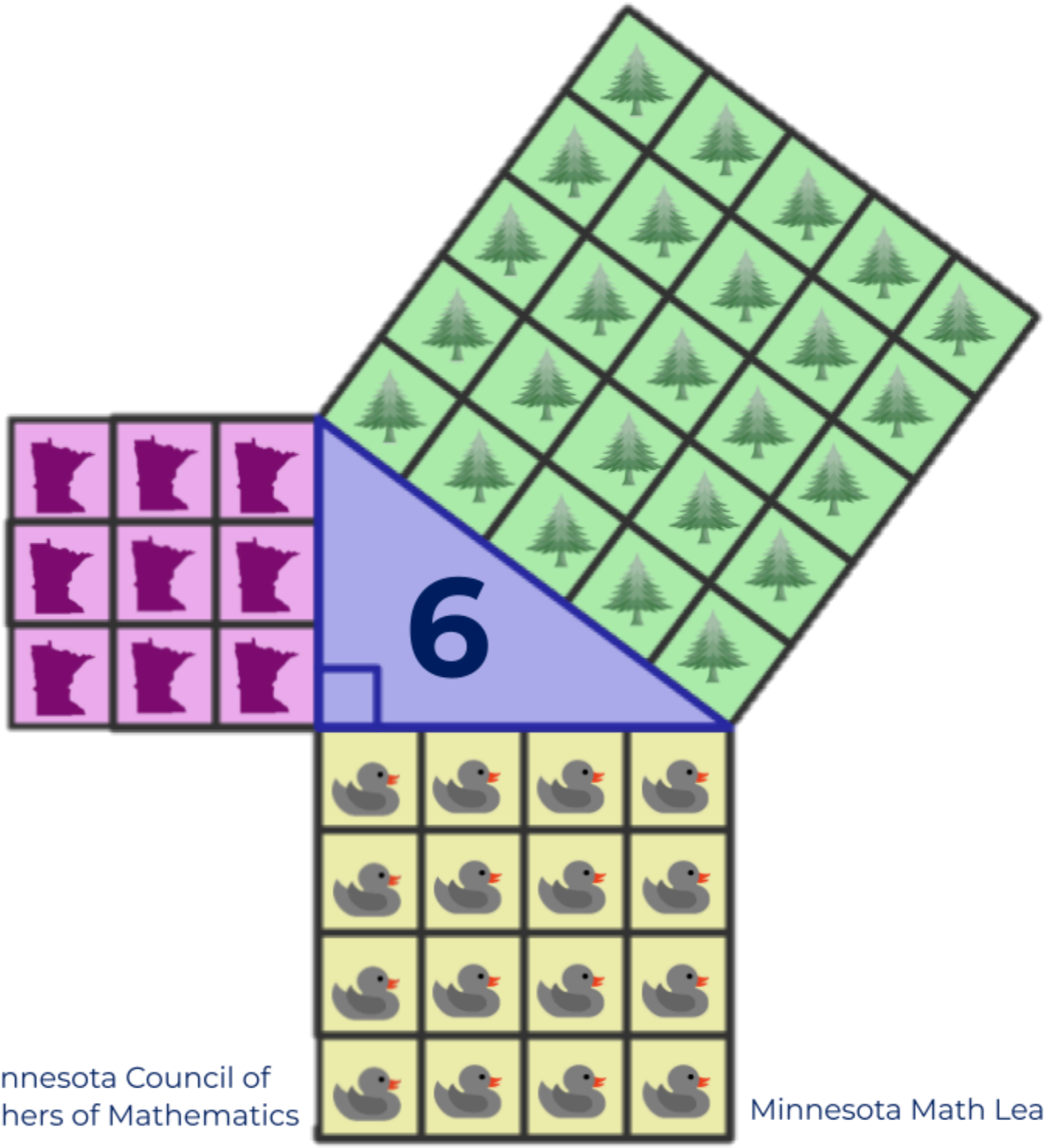
Minnesota Math Leaders

6 days until

Perfect Square Day

9.16.25 $3^2.4^2.5^2$



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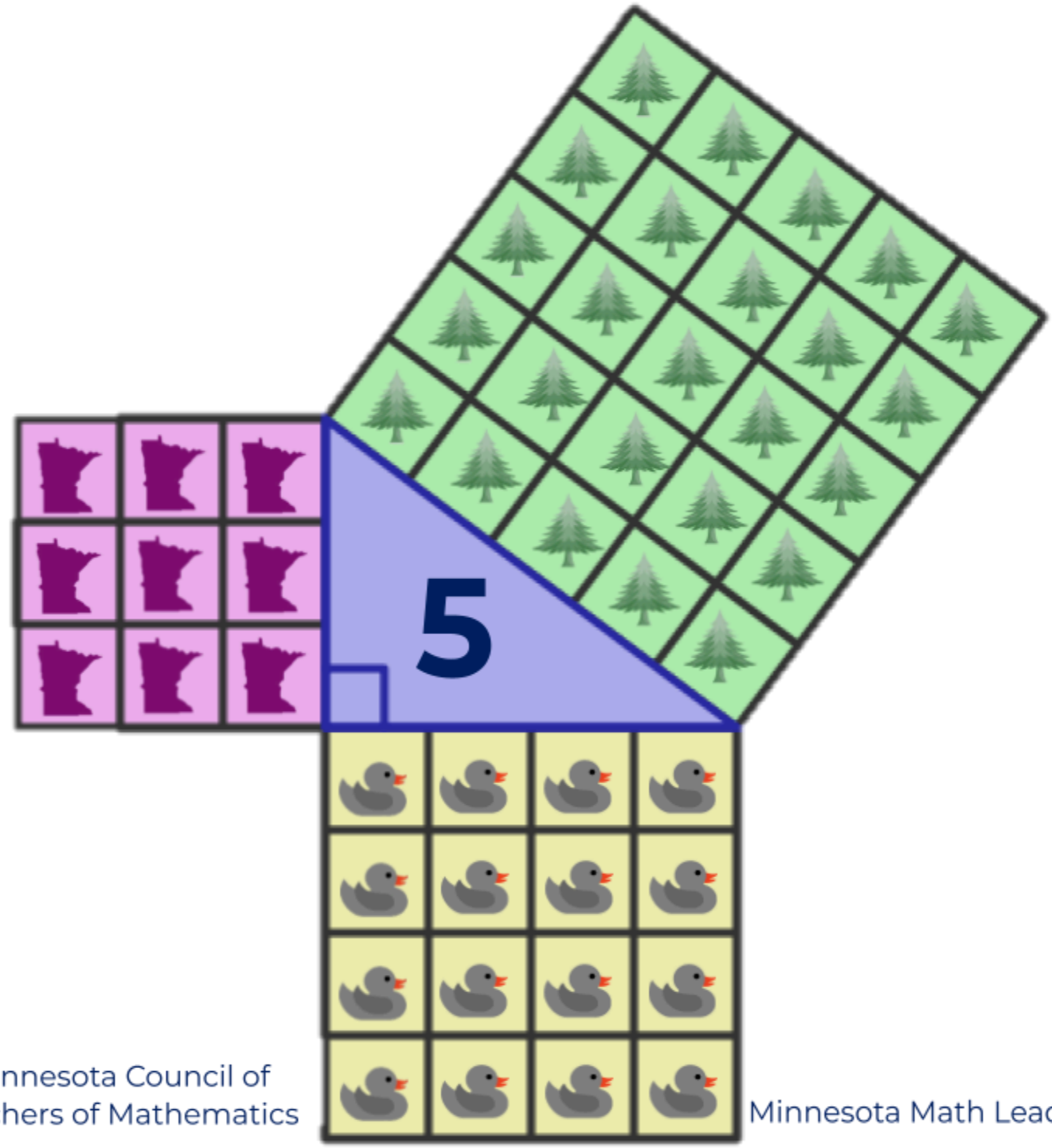
Minnesota Math Leaders

5 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



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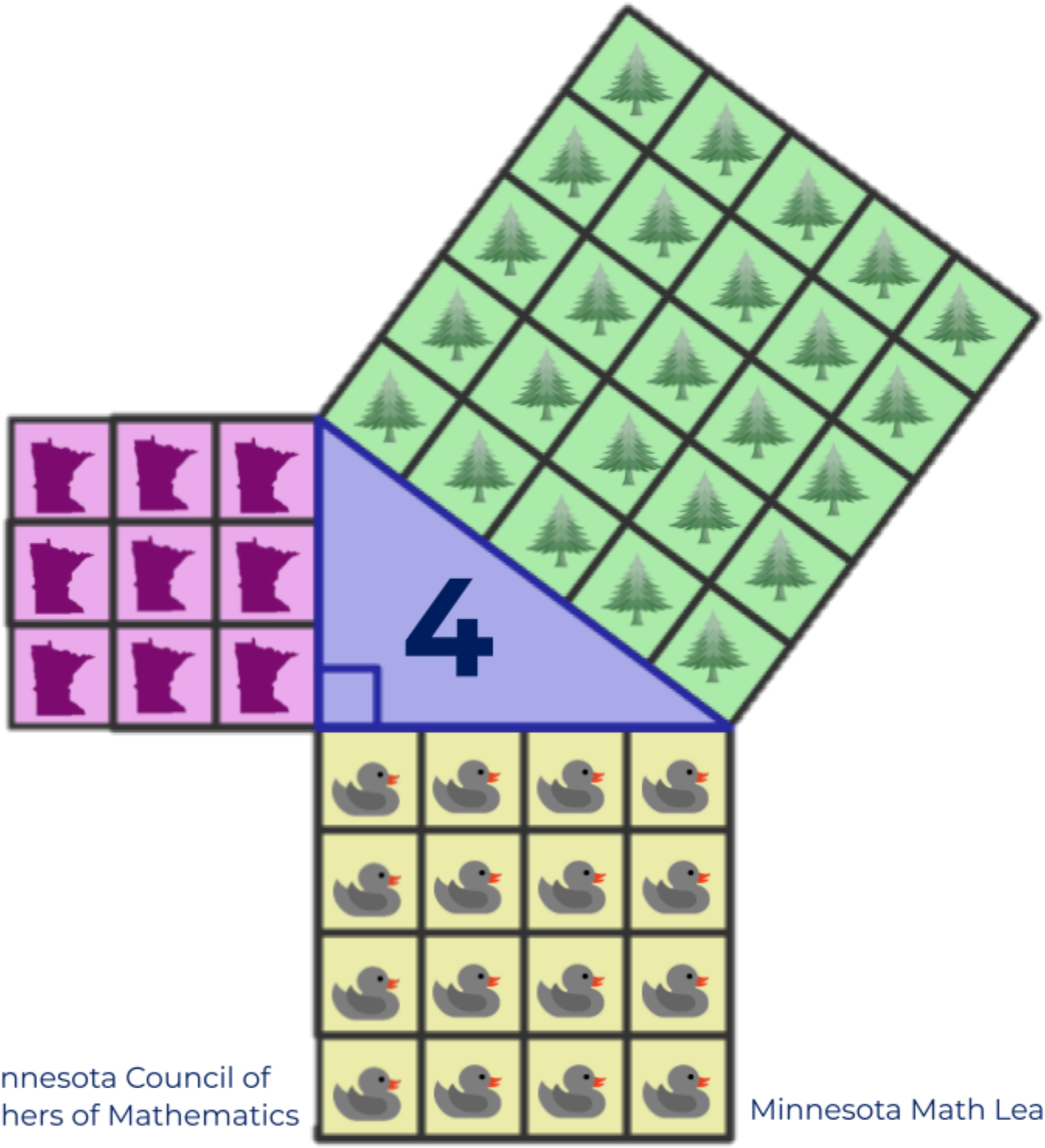
4 days until

Perfect Square Day

9.16.25 $3^2.4^2.5^2$



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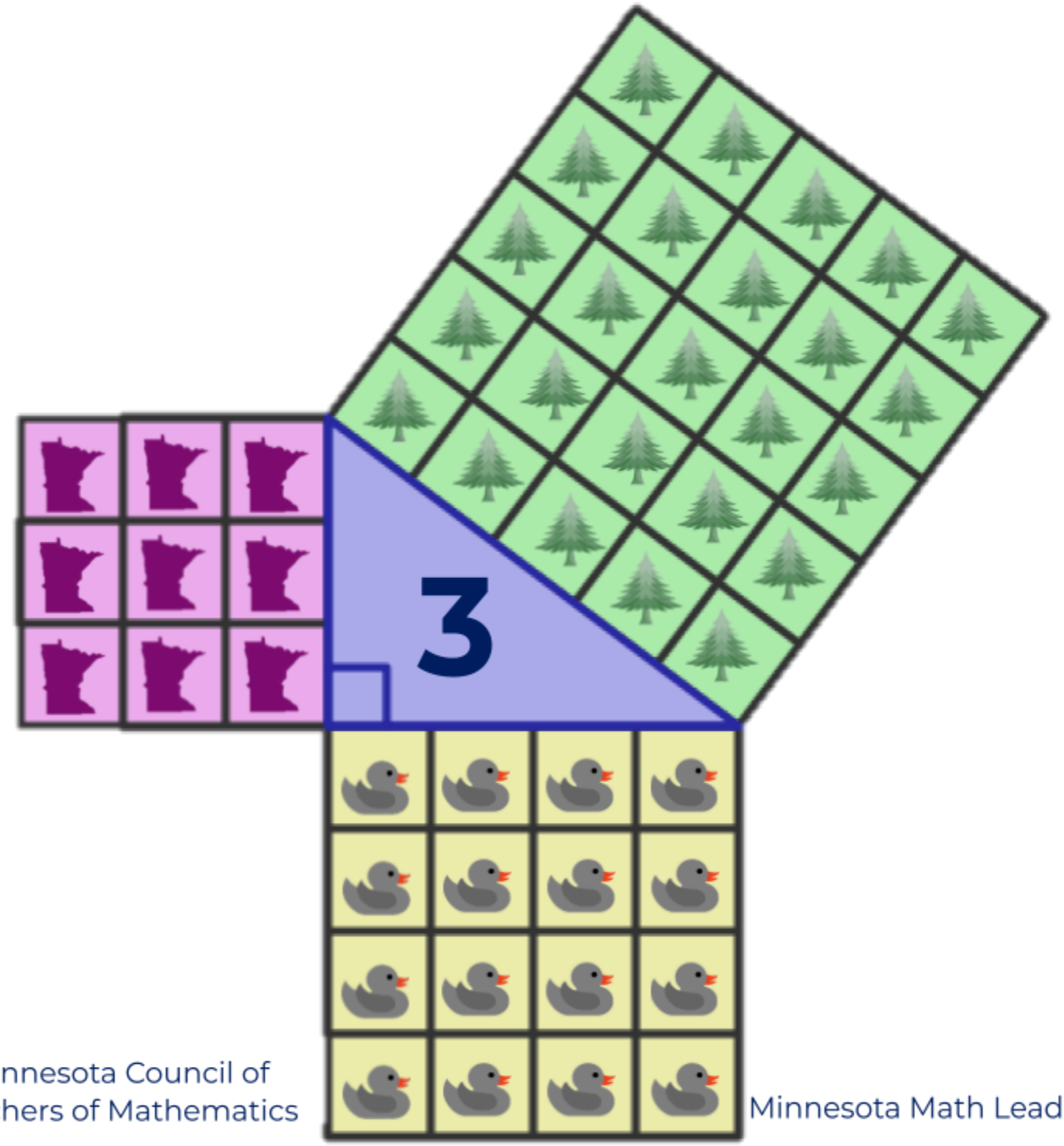
3 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



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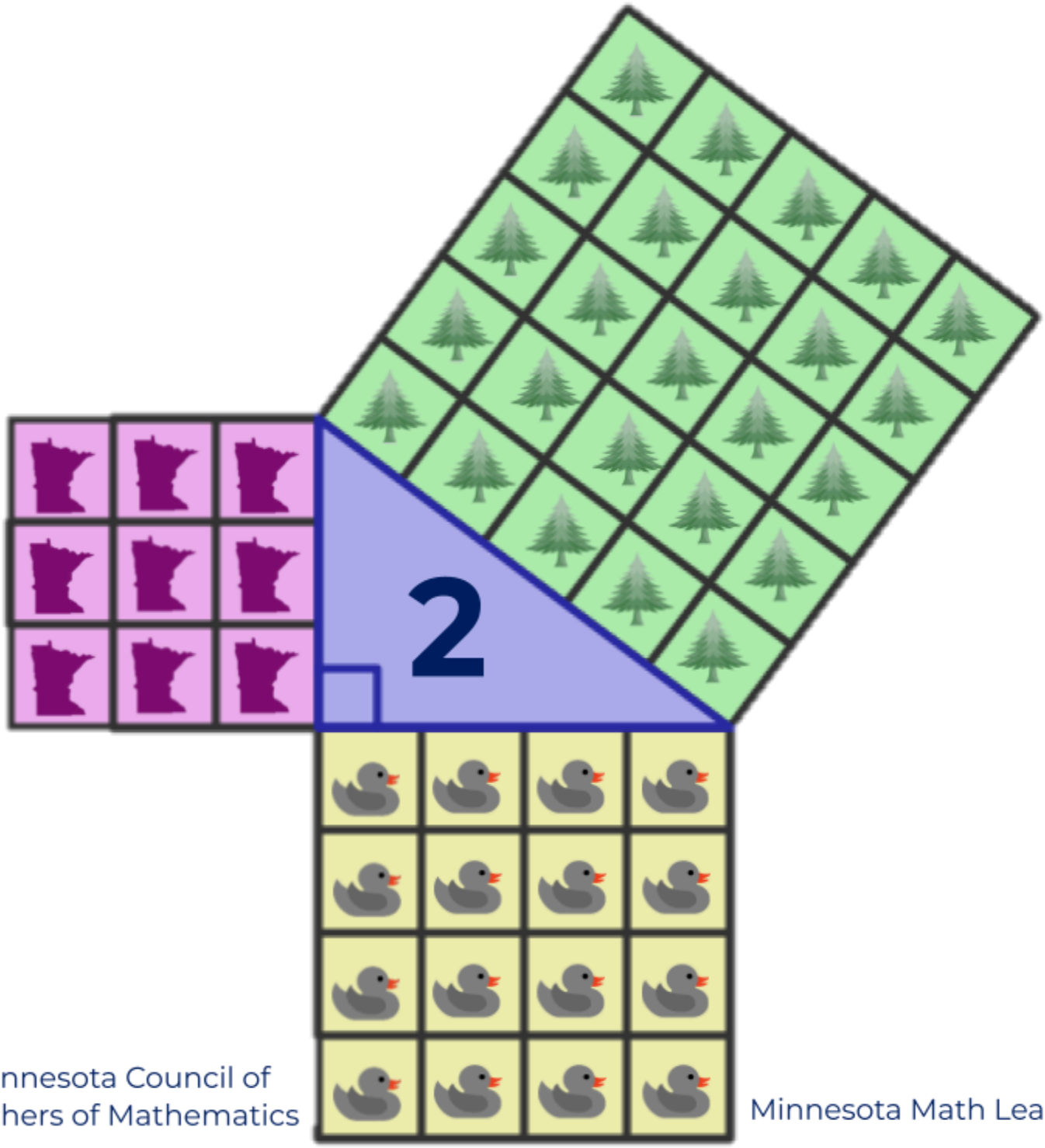
2 days until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



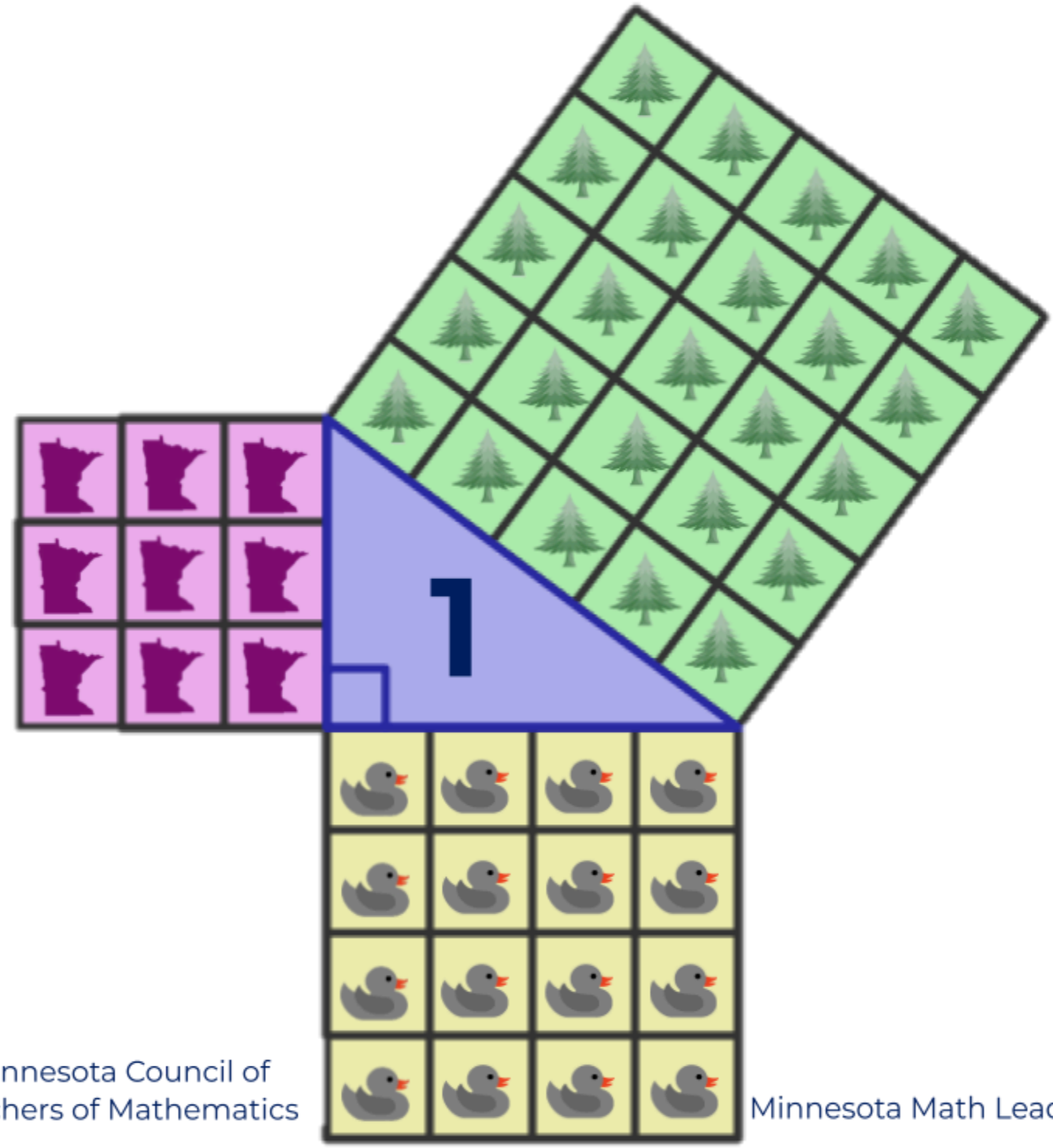
Minnesota Council of Teachers of Mathematics

Minnesota Math Leaders

1 day until

Perfect Square Day

$9.16.25$ $3^2.4^2.5^2$



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Minnesota Math Leaders

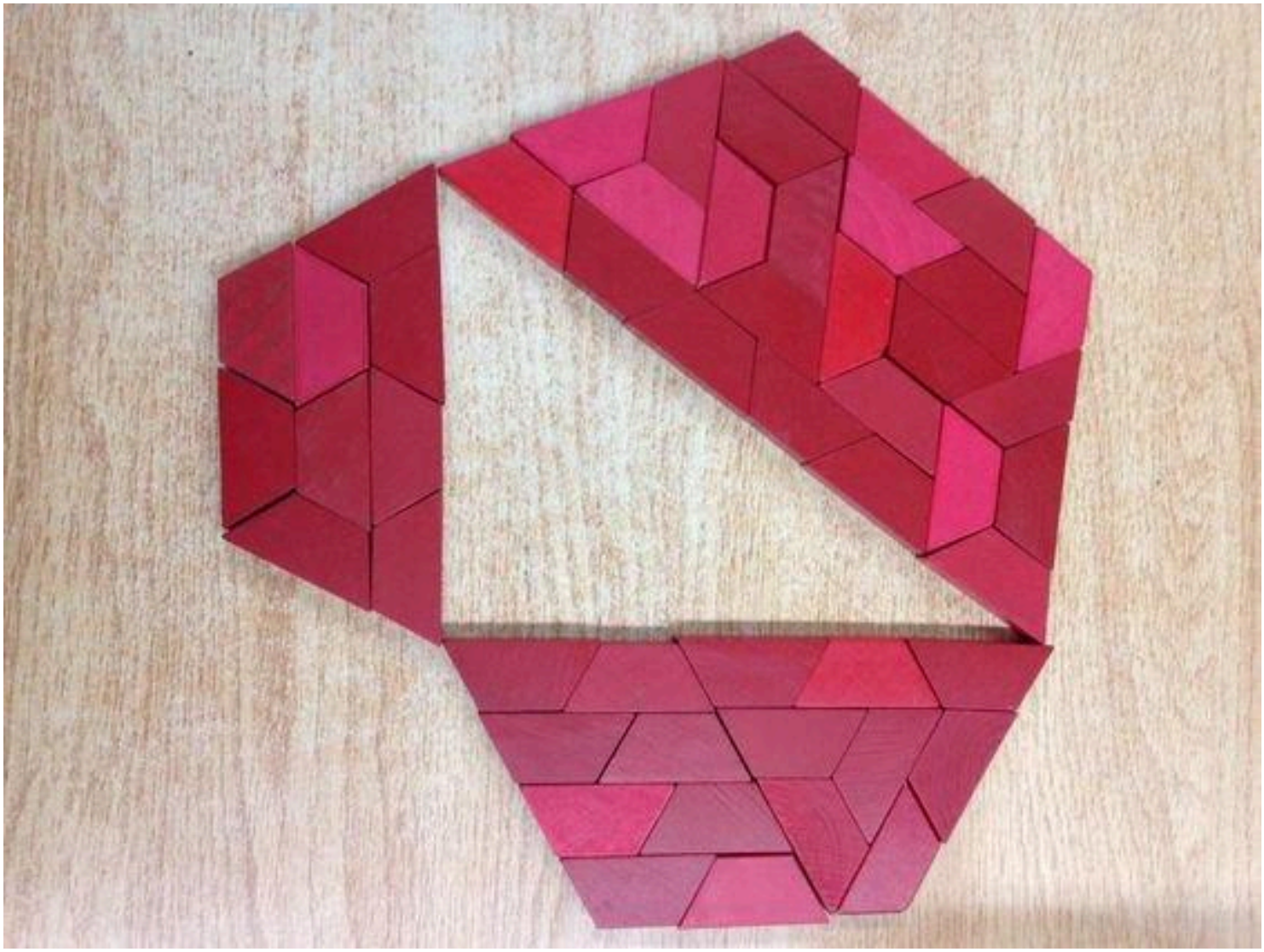
Perfect Square Days in 2025

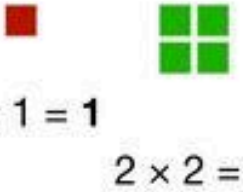
- 9/1/2025 or $3^2/1^2/45^2$ or 9/1/25 or $3^2/1^2/5^2$
- 9/4/2025 or $3^2/2^2/45^2$
- 9/9/2025 or $3^2/3^2/45^2$
- 9/16/2025 or $3^2/4^2/45^2$
- Note: 9/16/25 is $3^2/4^2/5^2$ which are side lengths in a 3/4/5 right triangle
- 9/25/2025 or $3^2/5^2/45^2$

2025 = 45 x 45

The numbers 9, 16, and 25 form a Pythagorean triple (3, 4, 5), where $9 = 3^2$, $16 = 4^2$, and $25 = 5^2$, and the numbers themselves follow the pattern of consecutive perfect squares. This sequence of perfect squares can be applied to a date, such as September 16, 2025 (9/16/25), creating a "perfect square day" in the format of month/day/year.

https://denisegaskins.com/2025/07/22/happy-pythagorean-triple-day/





$1 \times 1 = \mathbf{1}$

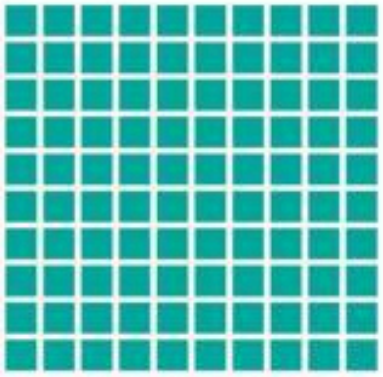
$2 \times 2 = \mathbf{4}$

$3 \times 3 = \mathbf{9}$

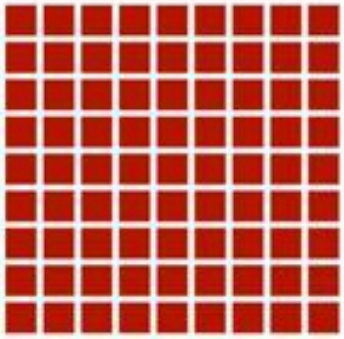
$4 \times 4 = \mathbf{16}$

$5 \times 5 = \mathbf{25}$

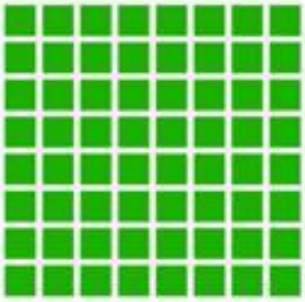
$6 \times 6 = \mathbf{36}$



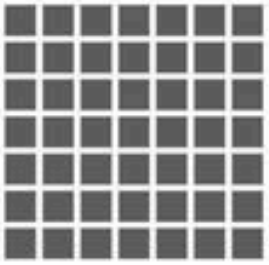
$10 \times 10 = \mathbf{100}$



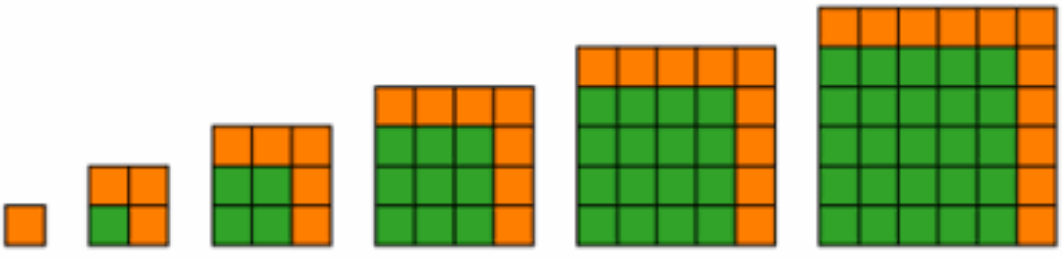
$9 \times 9 = \mathbf{81}$



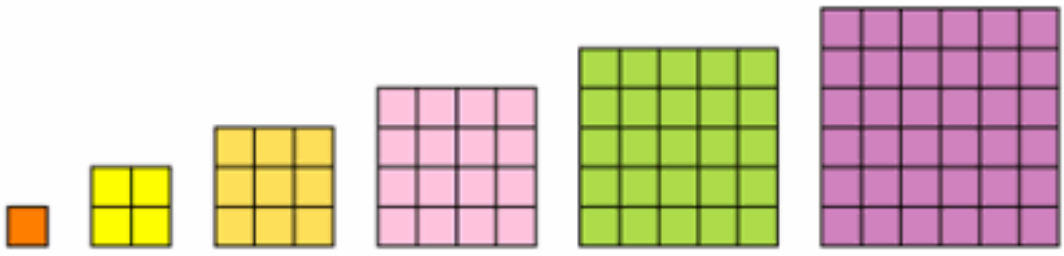
$8 \times 8 = \mathbf{64}$



$7 \times 7 = \mathbf{49}$



Shape number	1	2	3	4	5	6
Number of small squares	1	1+3=4	4+5=9	9+7=16	16+9=25	25+11=36



Shape number	1	2	3	4	5	6
Number of small squares	1x1=1	2x2=4	3x3=9	4x4=16	5x5=25	6x6=36