

Problems of the Month

September 2018

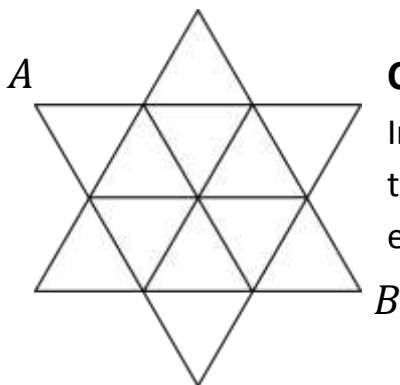
General Problem:

If you earn \$10/hour this year and receive four 3% raises over the next 5 years, how much do you earn per hour in 5 years?



Calculus Problem:

Find the 75th derivative of $y = \sin(2x)$



Challenge Problem:

In the grid shown here, how many paths are there from A to B ? You may only travel to the right along horizontal edges, and downward along the slanted edges.