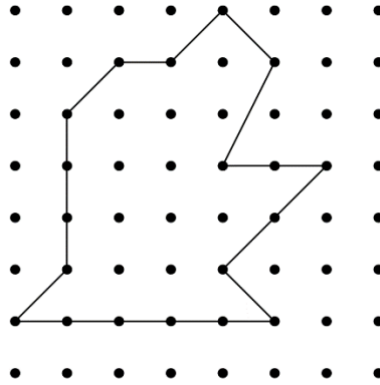




MUSTANG MATH TOURNAMENT 2020

GALLOP ROUND 1

- Find the area enclosed by the polygon in the figure.



- What is the product of the roots of $x^{30} + 26x^{23} + 17x^{10} + 72x$?
- The sum of the smallest and largest of the following fractions can be represented as $\frac{a}{b}$. Find $a + b$:

$$\frac{3}{11}, \frac{2}{7}, \frac{4}{15}, \frac{5}{13}, \frac{2}{9}, \frac{6}{17}$$