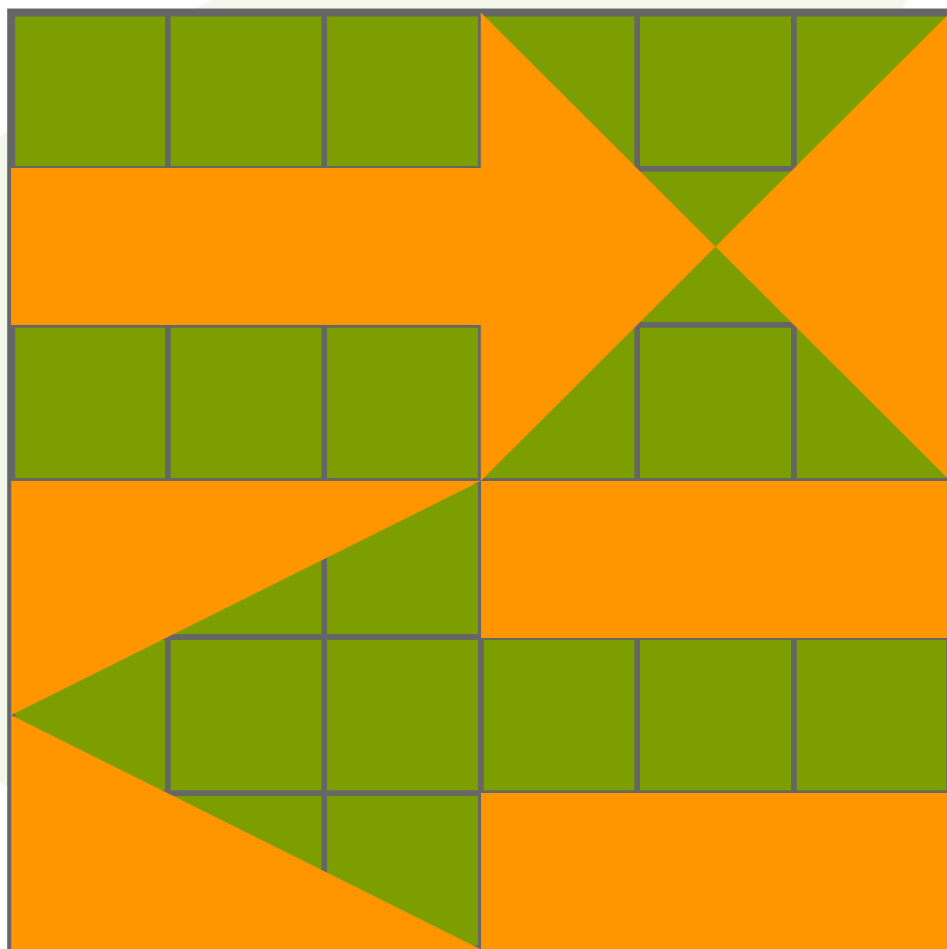




Comparison



Is the green region
larger, or is the orange
region larger?



Magic

Determine the result of each expression and write it in the corresponding box.

A.	B.	C.	D.
E.	F.	G.	H.
I.	J.	K.	L.
M.	N.	O.	P.

A. $30 \times 30 - 20 \times 20$

B. $16 \times 16 + 16 \times 16$

C. $12 \times 12 + 13 \times 13 + 14 \times 14$

D. $12 \times 12 + 19 \times 19$

E. $15 \times 15 + 17 \times 17$

F. $26 \times 26 - 13 \times 13$

G. $124 + 125 + 126 + 127$

H. $22 \times 22 + 3 \times 3 + 3 \times 3 + 1 \times 1$

I. $3 \times 3 + 7 \times 7 + 21 \times 21$

J. $21 \times 21 + 8 \times 8 + 1 \times 1$

K. $40 \times 40 - 33 \times 33$

L. $22 \times 22 + 5 \times 5 + 1 \times 1$

M. $6 + 7 + 8 + \dots + 31 + 32$

N. $81 + 82 + 83 + \dots + 85 + 86$

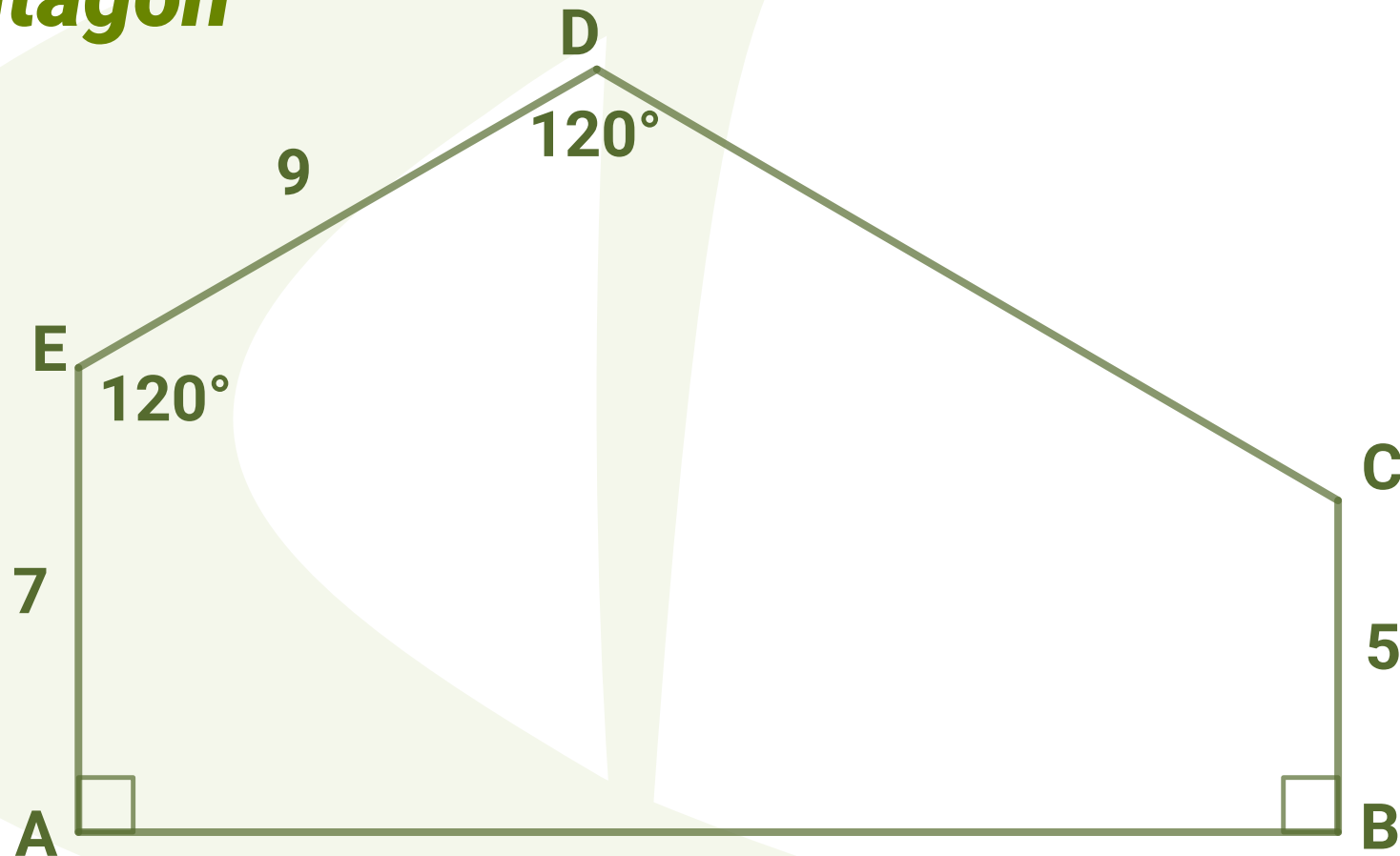
O. $8 \times 8 \times 8 - 2 \times 2 \times 2$

P. $22 \times 22 + 4 \times 4 + 2 \times 2 + 2 \times 2$

Check: If the sums of the results in each row, each column, and each diagonal are all equal, then you performed the calculations correctly.



Quick Geometry Pentagon



$ABCDE$ is a pentagon. Determine CD .