Problem of the Week
Problem D
Three Polygons

In the diagram below, the area of \( \triangle ACD \) is twice the area of square \( BCDE \). \( AC \) and \( AD \) meet \( BE \) at \( K \) and \( L \) respectively.

If the side length of the square is 12 cm, determine the area of trapezoid \( KCDL \).