



## Problem of the Week

### Problem C

#### Top Triangle

The area of  $\triangle ACD$  is twice the area of square  $BCDE$ .  $AC$  and  $AD$  meet  $BE$  at  $K$  and  $L$  respectively such that  $KL = 6$  cm.

If the side length of the square is 8 cm, determine the area of the top triangle,  $\triangle AKL$ .

