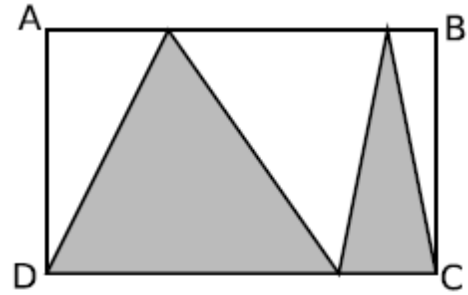


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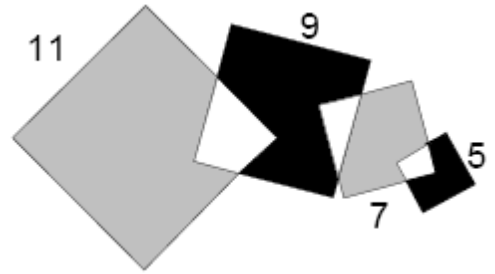
1.

In the figure to the right, the area of the rectangle is 24 cm^2 .
What is the area of the shaded figure?



2. *

In the picture four squares are shown and the lengths of their sides are indicated. What is the difference between the combined area of the shaded regions and the combined area of the black regions?



3. * What is the perimeter of the figure obtained from a 15 cm by 9 cm rectangle, by cutting out four identical squares with a perimeter of 8 cm each, one at each corner?
(Draw and solve this problem on a separate quadrille paper)