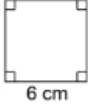
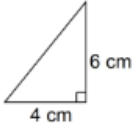
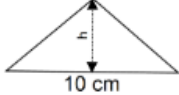
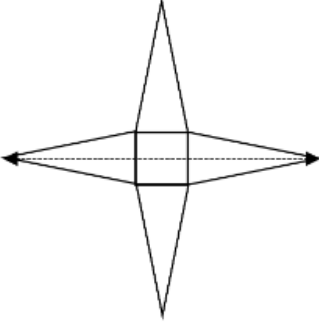


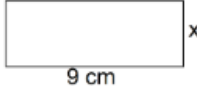


AREA PROBLEM SOLVING – use your problem solving skills in these questions. The top three questions get a bit harder each time and the large question at the bottom is the challenge question.

<p>Calculate the area of the square</p> 	<p>Calculate the area of the triangle</p> 	<p>If the triangle has an area of <math>40 \text{ cm}^2</math> calculate the height</p> 
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The logo shown below has a total area of  $125 \text{ cm}^2$  and the square has side length  $5 \text{ cm}$ . Calculate the width of the logo



<p>Calculate the perimeter</p> 	<p>Calculate the area</p> 	<p>If the area of the rectangle is <math>27 \text{ cm}^2</math> calculate <math>x</math></p> 
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Calculate the perimeter of the large rectangle

$12 \text{ m}^2$	$20 \text{ m}^2$	$24 \text{ m}^2$
$15 \text{ m}^2$	$25 \text{ m}^2$	$30 \text{ m}^2$
$21 \text{ m}^2$	$35 \text{ m}^2$	$42 \text{ m}^2$