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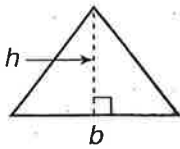
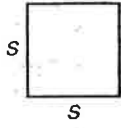
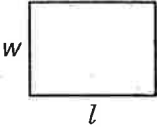
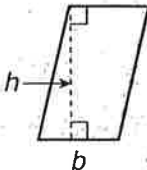
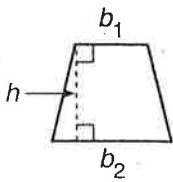
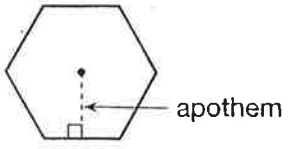
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GEOMETRY

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Formulas: Areas Of Objects

Area (A) is the measure of the region inside a two-dimensional figure. Area is measured in square units. The following table shows formulas for finding the areas of several types of two-dimensional figures.

Figure	Formula
<p>triangle</p> 	$A = \frac{1}{2}bh$ <p>where b = base length h = height</p>
<p>square</p> 	$A = s^2$ <p>where s = length of each side</p>
<p>rectangle</p> 	$A = lw$ <p>where l = length w = width</p>
<p>parallelogram</p> 	$A = bh$ <p>where b = base length h = height</p>
<p>trapezoid</p> 	$A = \frac{1}{2}h(b_1 + b_2)$ <p>where b_1 = base 1 length b_2 = base 2 length h = height</p>
<p>regular polygon</p> 	$A = \frac{1}{2}ap$ <p>where a = length of apothem p = perimeter</p>