

MathFLIX CHALLENGE

Area Formula

One formula for the area of a rectangle is $A = l \times w$. You can also use the formula $A = bh$. Use the given formulas to calculate the area of each polygon. Color each polygon to show that you understand the meaning of area.

<p><i>rectangles</i> $b \times h$</p>				
	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>
<p><i>parallelograms</i> $b \times h$</p>				
	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>
<p><i>triangles</i> $\frac{1}{2}bh$</p>				
	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>	<p>A = ____</p>

Construct polygons with the given area. Use centimeters.

Area	Right-Angle Polygon	Non-Right Angle Polygon
6 sq cm.		
8 sq cm.		