

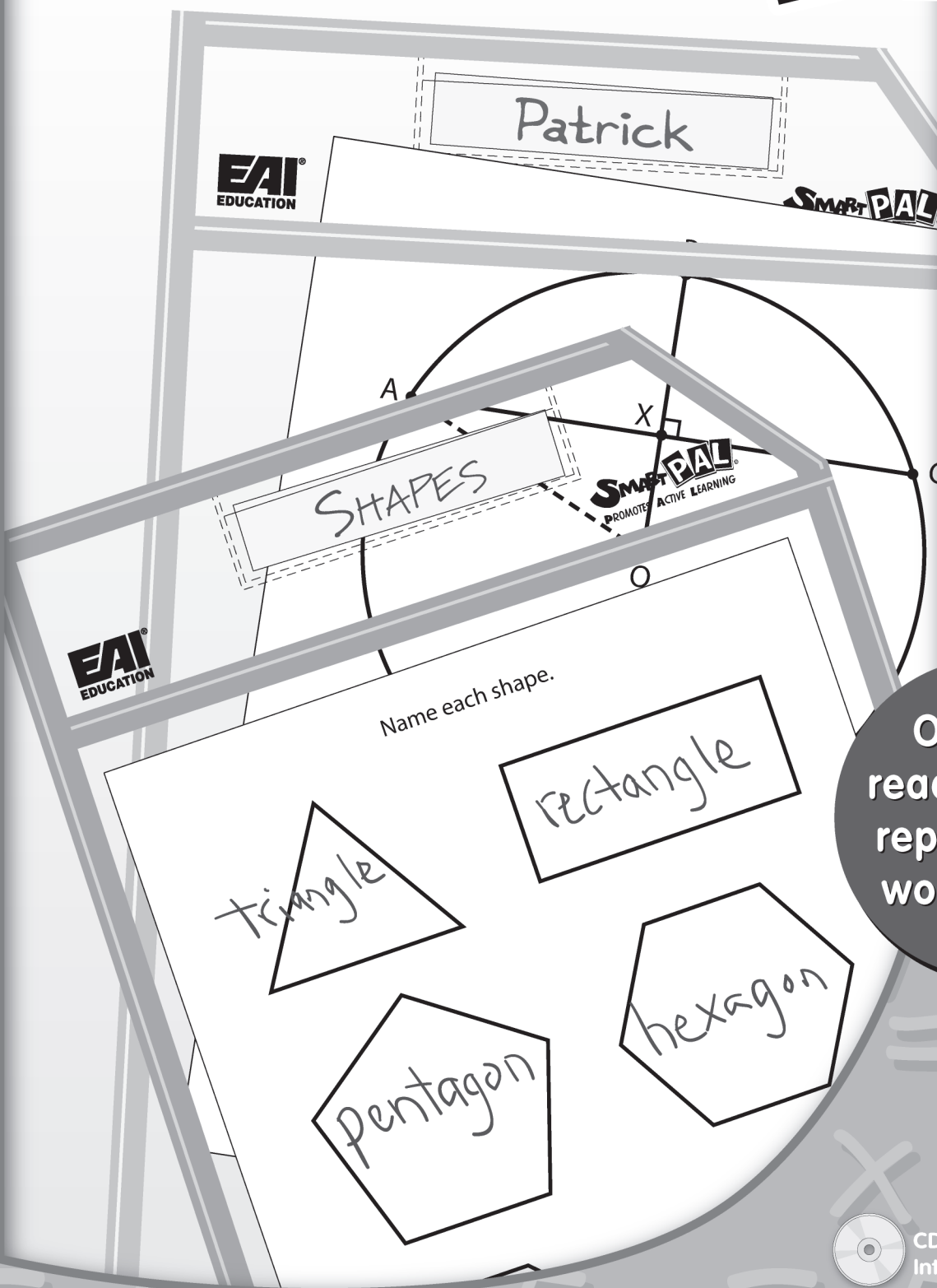
Geometry

EAI[®]
EDUCATION

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GUIDES

SAMPLER
Geometry
Grades 3-12



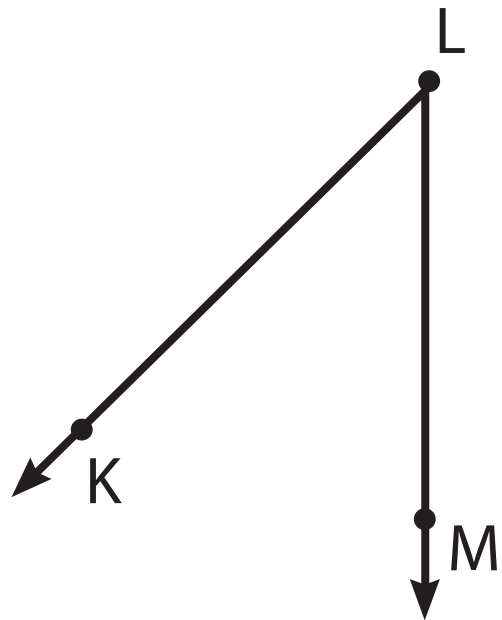
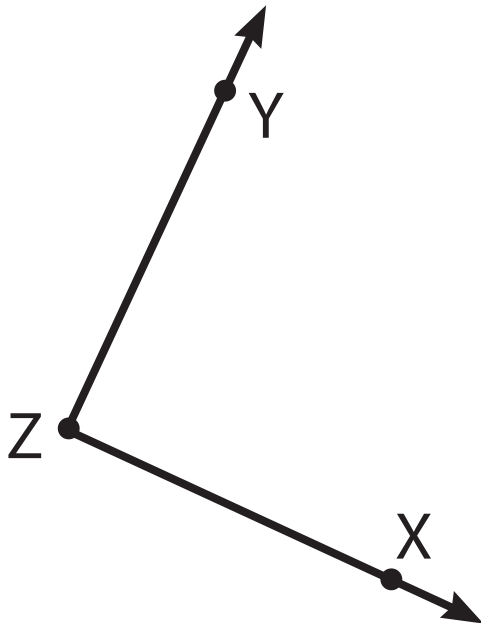
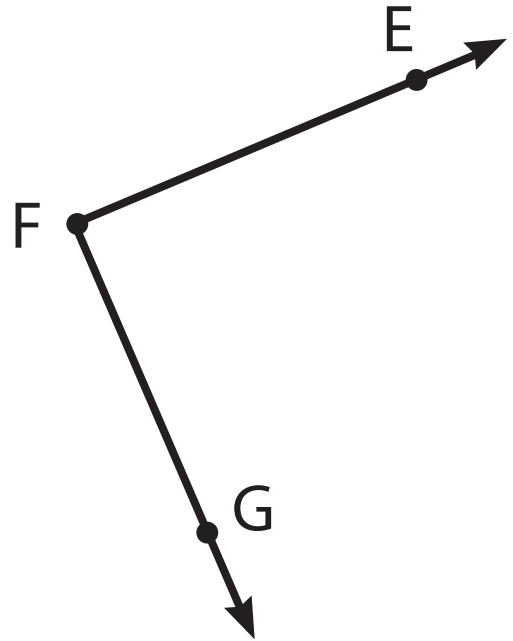
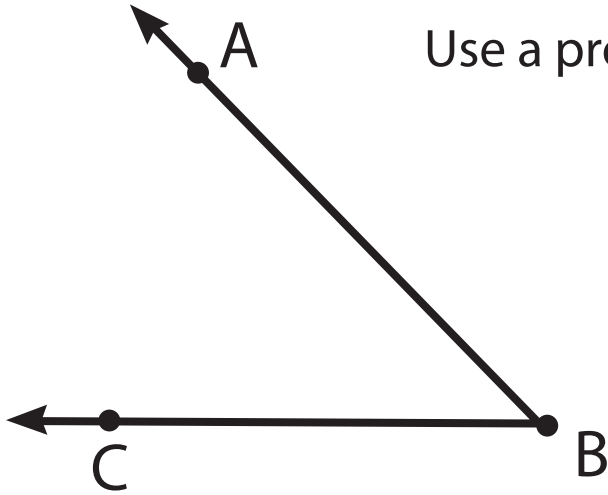
Over 100
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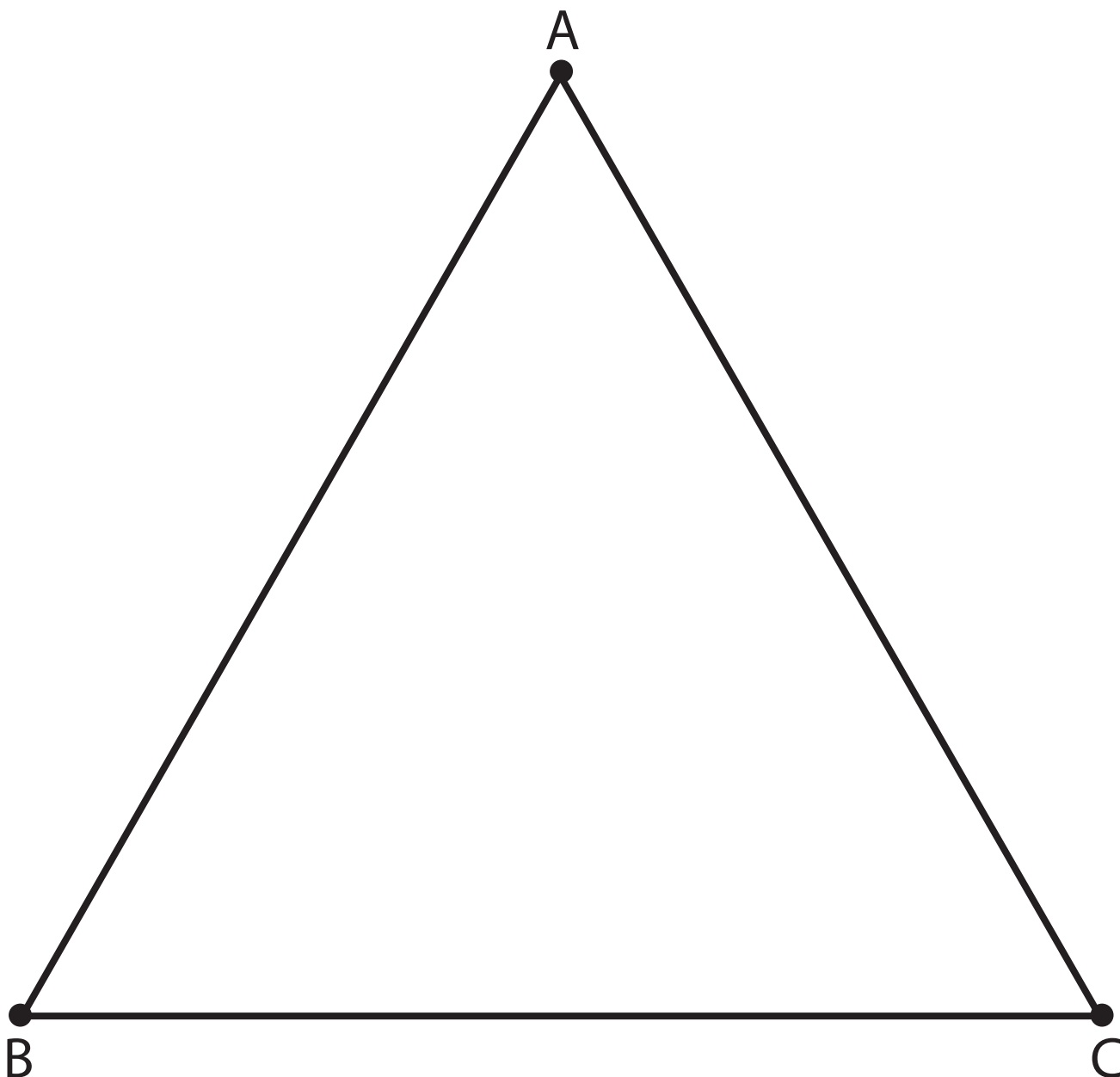
Kevin Simms
Mark Baetz



CD-ROM included!
Interactive whiteboard compatible.

Use a protractor to find congruent angles.





$\overline{AB}$ _____

$m\angle ABC$ _____

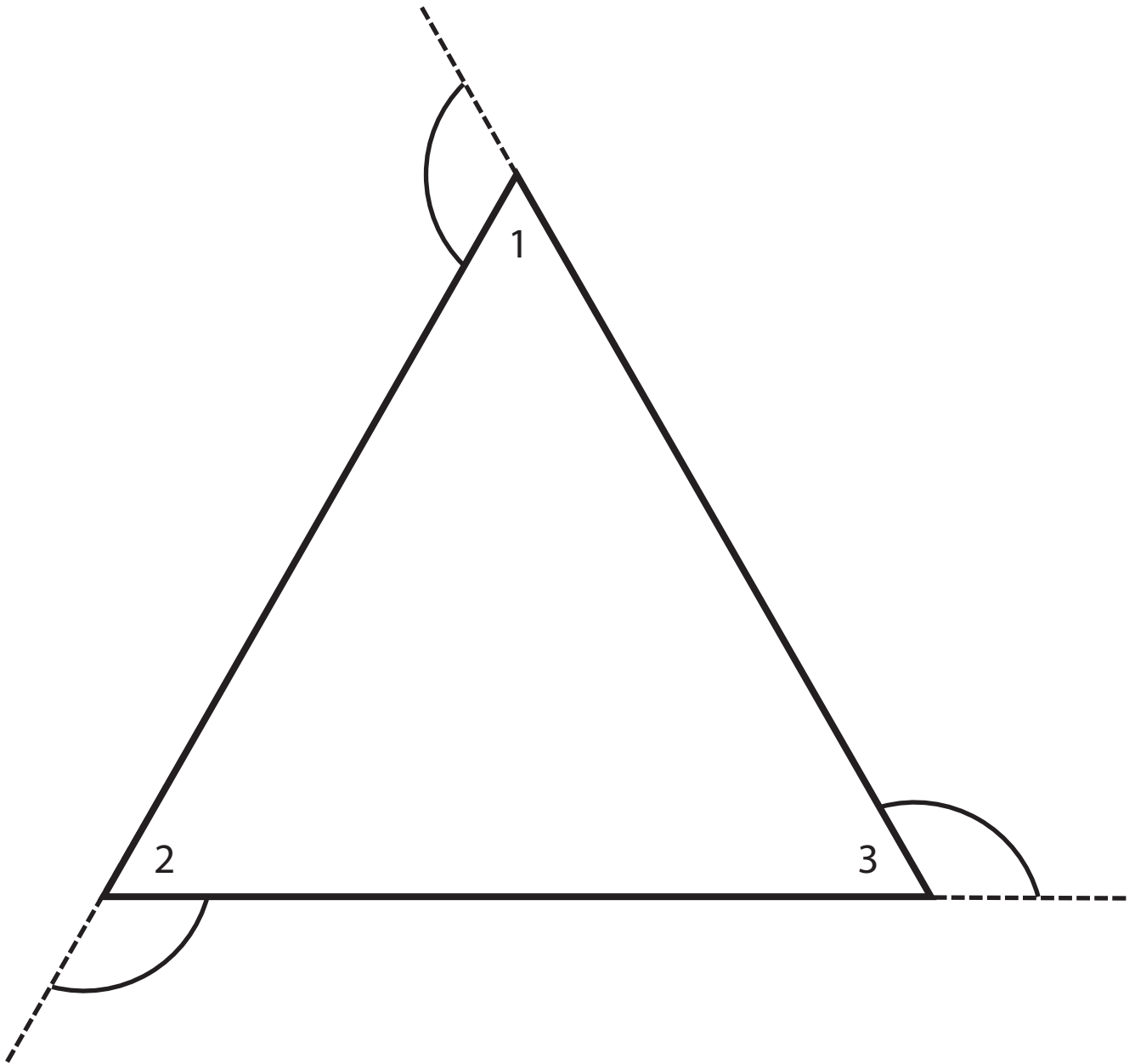
$\overline{BC}$ _____

$m\angle BCA$ _____

$\overline{AC}$ _____

$m\angle CAB$ _____

Identify the triangle by its characteristics.



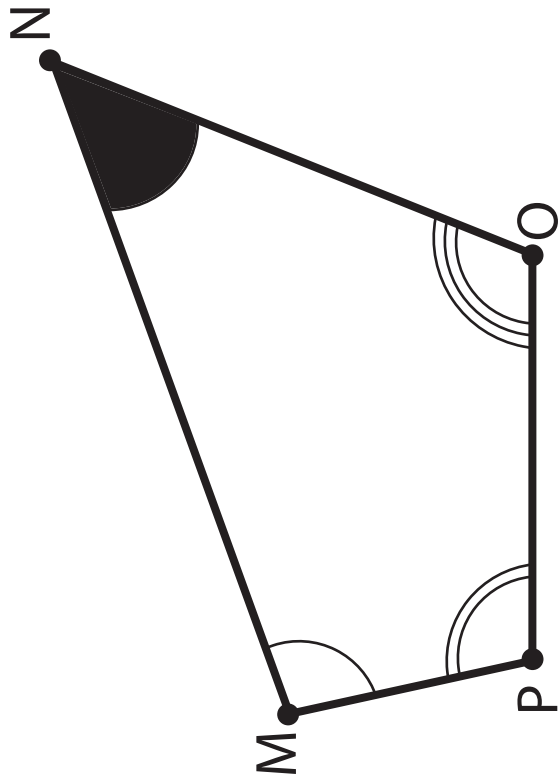
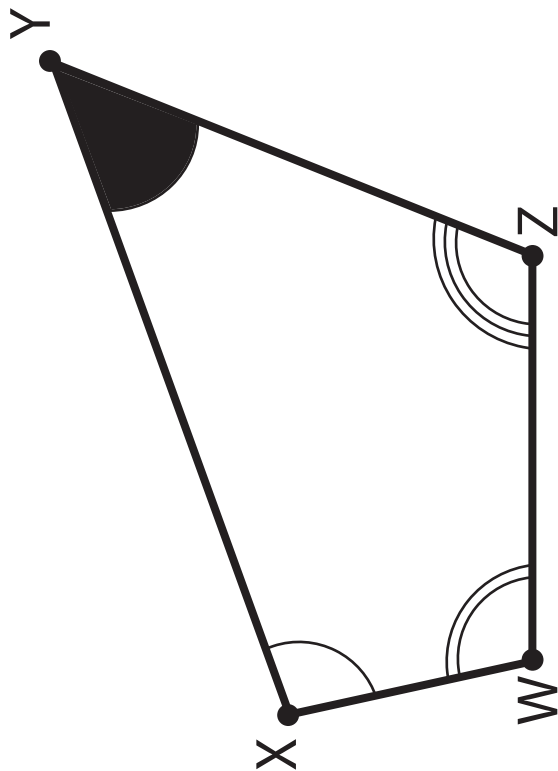
Triangles: Exterior Angle Theorem

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See page ix

SMART PAL
PROMOTE ACTIVE LEARNING



$\frac{XW}{MP}$

$=$

$=$

$=$

Identify congruent angles using proper notation. EX: $\angle WXY$

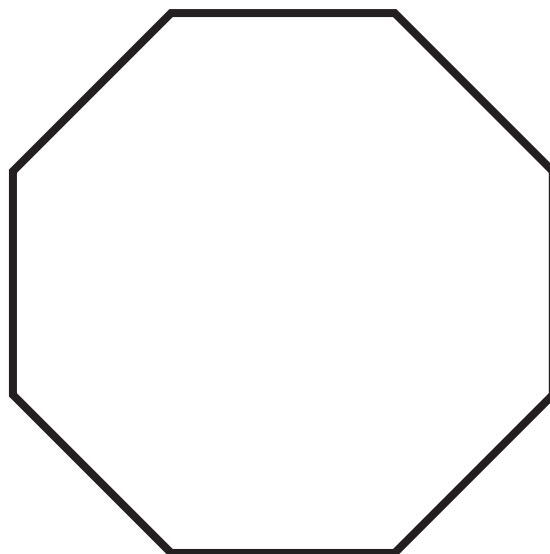
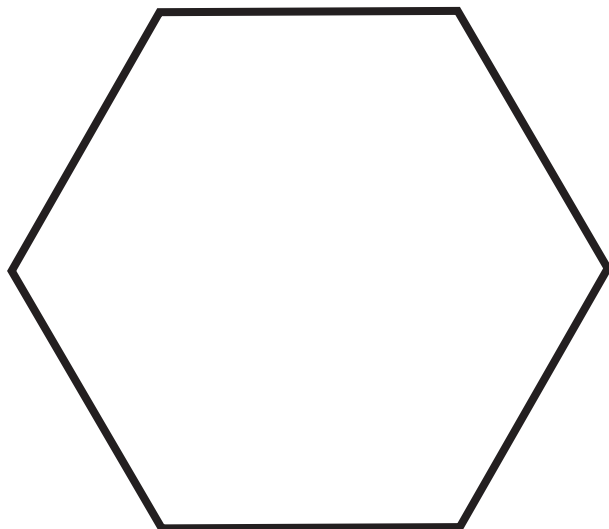
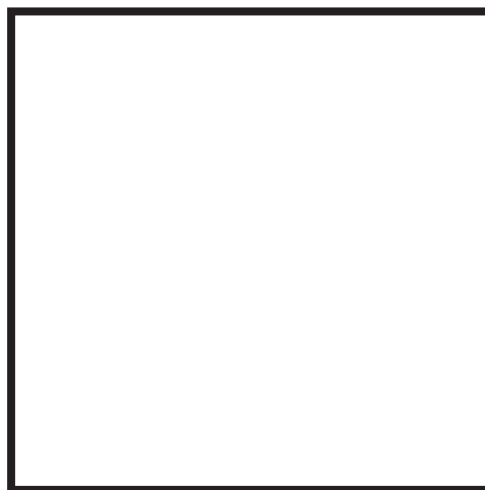
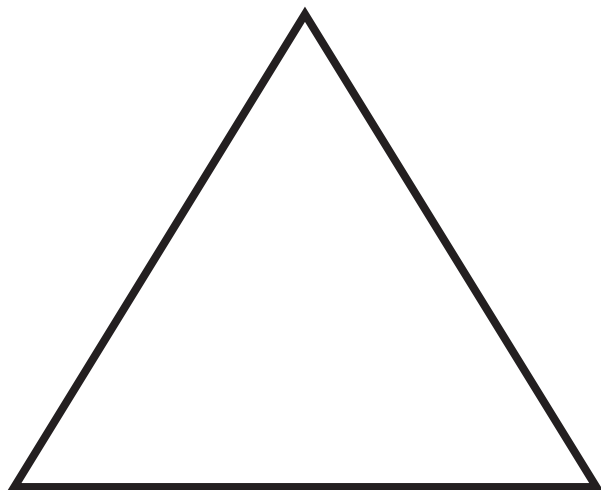
$\simeq$

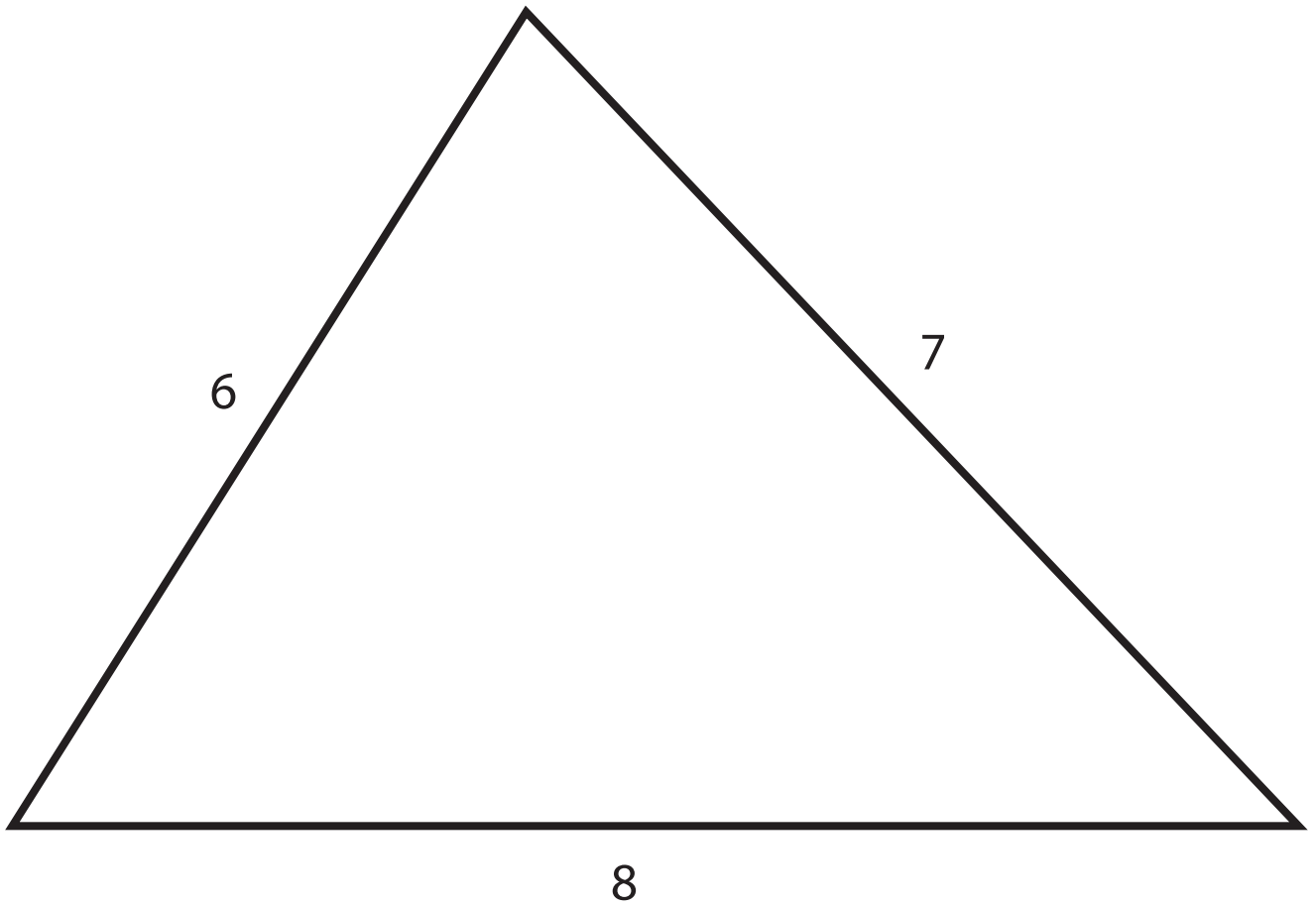
$\simeq$

Polygon	Number of Sides	Number of Triangles Formed (from one vertex)	Interior Angle Sum	One Interior Angle Measure (Regular)
Triangle				
Quadrilateral				
Pentagon				
Hexagon				
n -gon				

Interior Angle Sums and Measures for Polygons

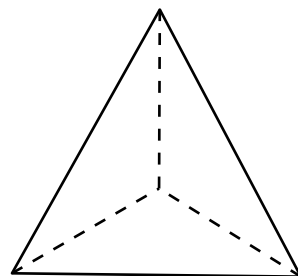
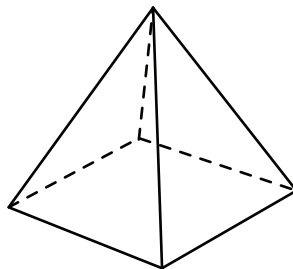
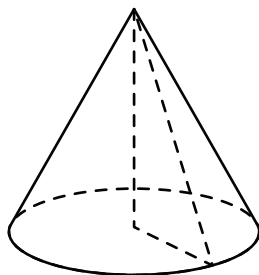
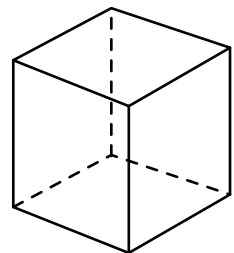
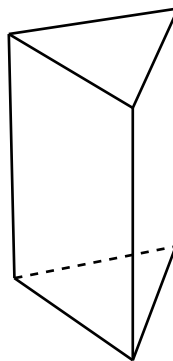
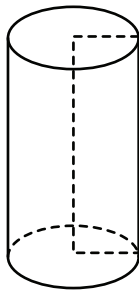
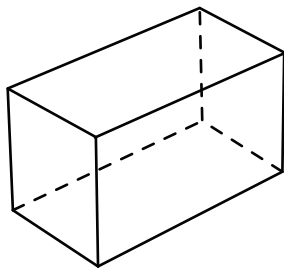
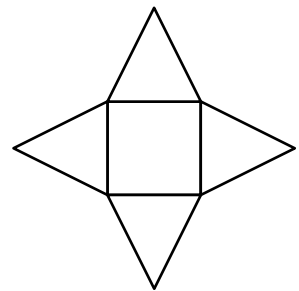
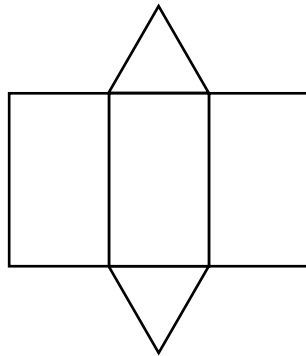
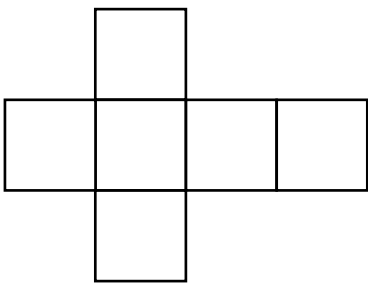
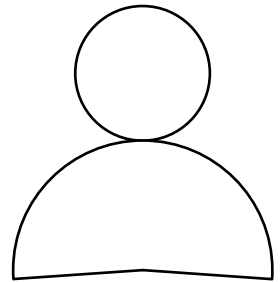
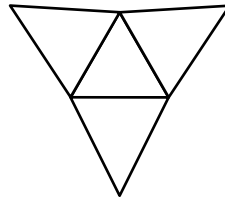
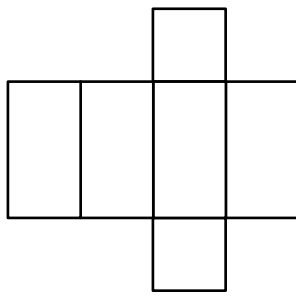
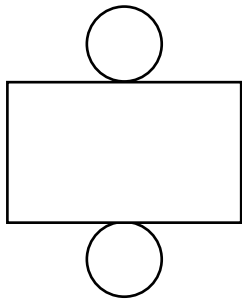
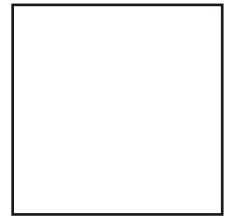
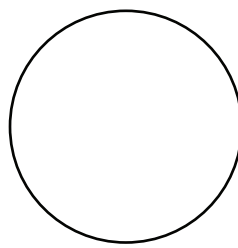
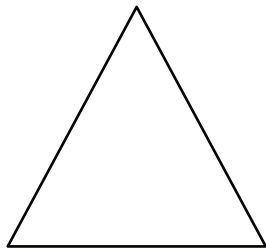
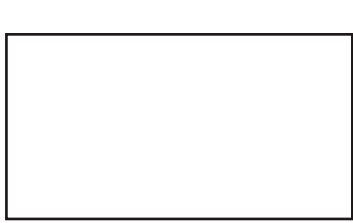
Can you find a rule to determine the sum of the interior angles of any polygon?





Perimeter _____

Area _____



Nets