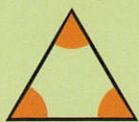


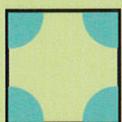


# Angles in Polygons 1

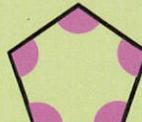
Triangle

Angles add up  $180^\circ$ 

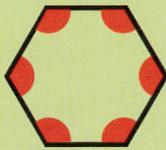
Quadrilateral

Angles add up  $360^\circ$ 

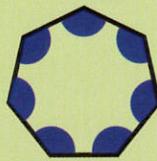
Pentagon

Angles add up  $540^\circ$ 

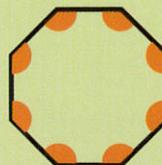
Hexagon

Angles add up  $720^\circ$ 

Heptagon

Angles add up  $900^\circ$ 

Octagon

Angles add up  $1080^\circ$ 

$$\text{Sum of interior angles} = (n - 2) \times 180$$

where  $n$  is the number of sides