

Heptagon

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Triangle

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Octagon

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QUADRILATERAL

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NONAGON

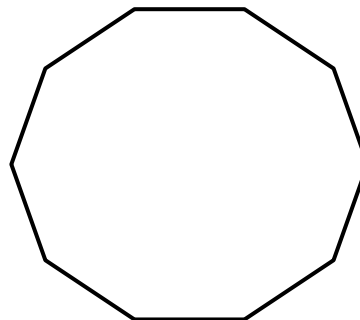
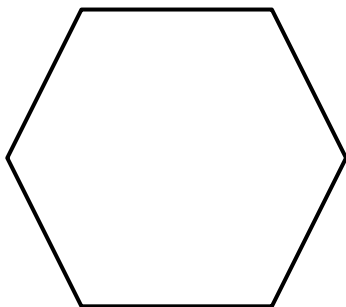
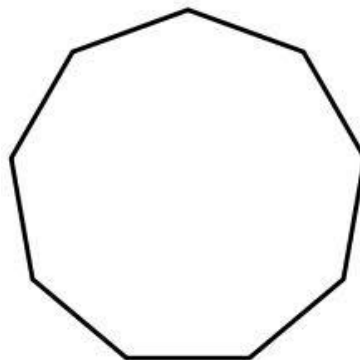
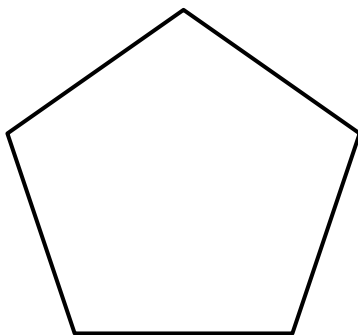
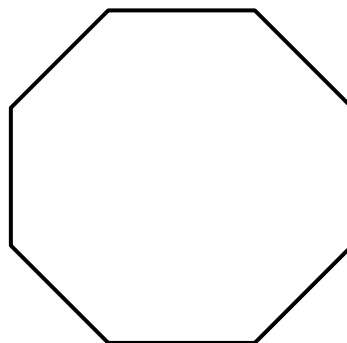
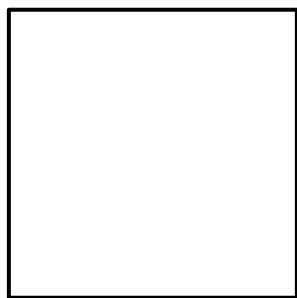
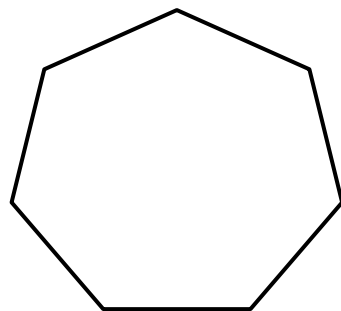
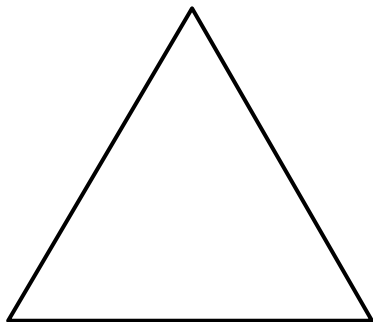
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**PENTAGON**

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**DECAGON**

Hexagon



Heptagon

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Triangle

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Octagon

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QUADRILATERAL

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NONAGON

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**PENTAGON**

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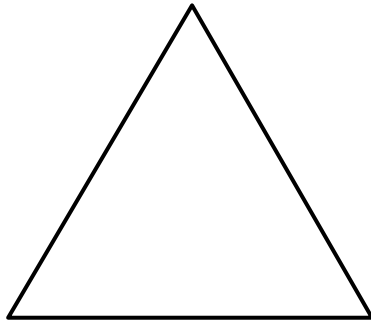
**DECAGON**

Hexagon

Number of Sides:

Sum of Interior Angles:

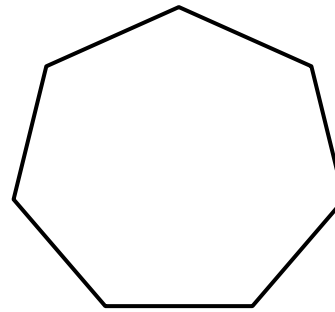
Individual angle measure in a **regular Triangle (equilateral triangle):**



Number of Sides:

Sum of Interior Angles:

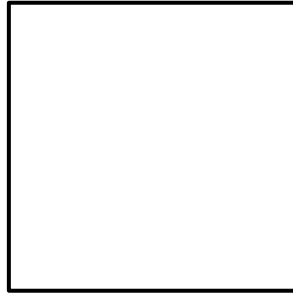
Individual angle measure in a **regular heptagon:**



Number of Sides:

Sum of Interior Angles:

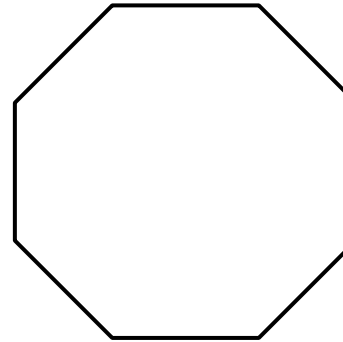
Individual angle measure in a **regular quadrilateral (square):**



Number of Sides:

Sum of Interior Angles:

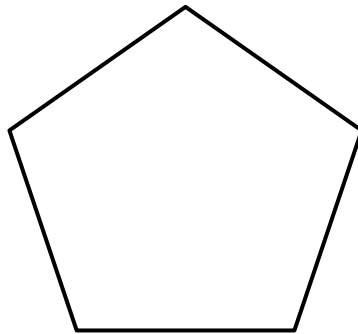
Individual angle measure in a **regular octagon:**



Number of Sides:

Sum of Interior Angles:

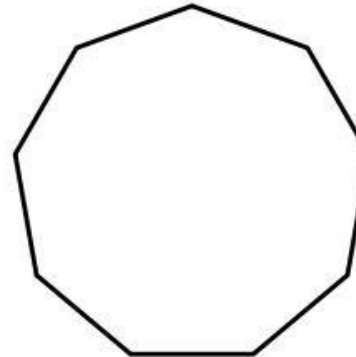
Individual angle measure in a **regular pentagon:**



Number of Sides:

Sum of Interior Angles:

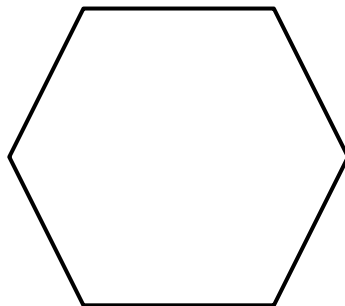
Individual angle measure in a **regular nonagon:**



Number of Sides:

Sum of Interior Angles:

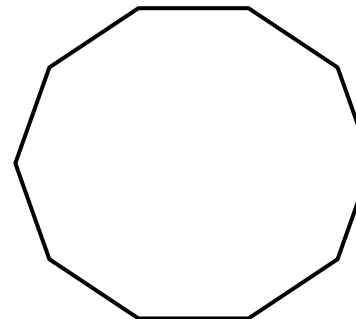
Individual angle measure in a **regular hexagon:**



Number of Sides:

Sum of Interior Angles:

Individual angle measure in a **regular decagon:**



Heptagon

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Triangle

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Octagon

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QUADRILATERAL

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NONAGON

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**PENTAGON**

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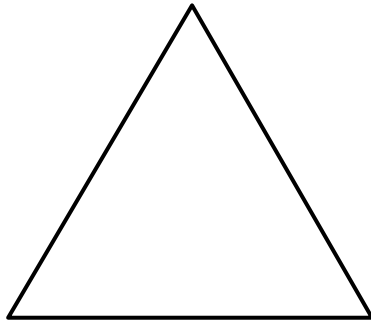
**DECAGON**

Hexagon

Number of Sides: 3

Sum of Interior Angles:  $180^\circ$   
 $180(n - 2) = 180(3 - 2) = 180(1) = 180^\circ$

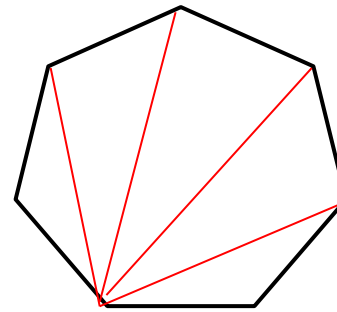
Individual angle measure in a **regular Triangle (equilateral triangle)**:  $60^\circ$



Number of Sides: 7

Sum of Interior Angles:  $900^\circ$   
 $180(n - 2) = 180(7 - 2) = 180(5) = 900^\circ$

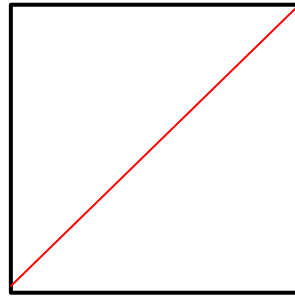
Individual angle measure in a **regular heptagon**:  $128.6^\circ$



Number of Sides: 4

Sum of Interior Angles:  $360^\circ$   
 $180(n - 2) = 180(4 - 2) = 180(2) = 360^\circ$

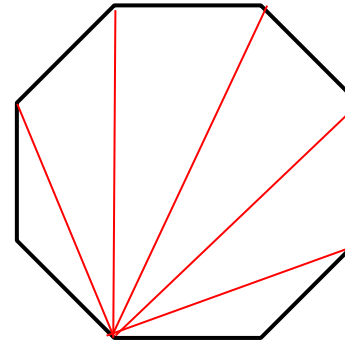
Individual angle measure in a **regular quadrilateral (square)**:  $90^\circ$



Number of Sides: 8

Sum of Interior Angles:  $1080^\circ$   
 $180(n - 2) = 180(8 - 2) = 180(6) = 1080^\circ$

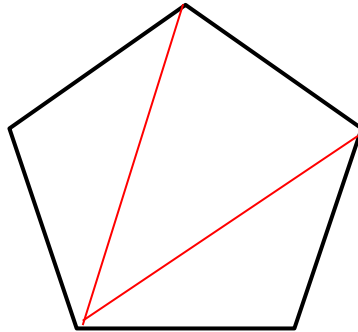
Individual angle measure in a **regular octagon**:  $135^\circ$



Number of Sides: 5

Sum of Interior Angles:  $540^\circ$   
 $180(n - 2) = 180(5 - 2) = 180(3) = 540^\circ$

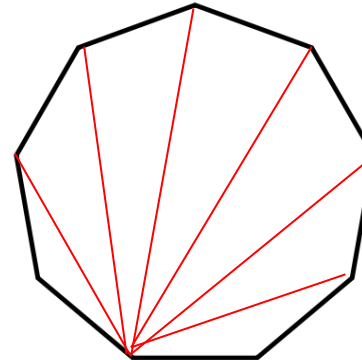
Individual angle measure in a **regular pentagon**:  $108^\circ$



Number of Sides: 9

Sum of Interior Angles:  $1260^\circ$   
 $180(n - 2) = 180(9 - 2) = 180(7) = 1260^\circ$

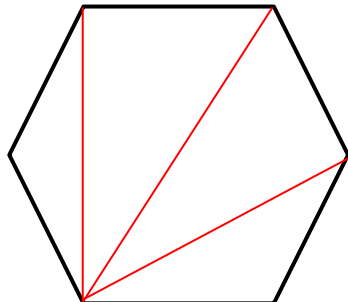
Individual angle measure in a **regular nonagon**:  $140^\circ$



Number of Sides: 6

Sum of Interior Angles:  $720^\circ$   
 $180(n - 2) = 180(6 - 2) = 180(4) = 720^\circ$

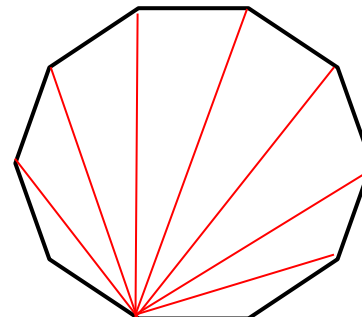
Individual angle measure in a **regular hexagon**:  $120^\circ$



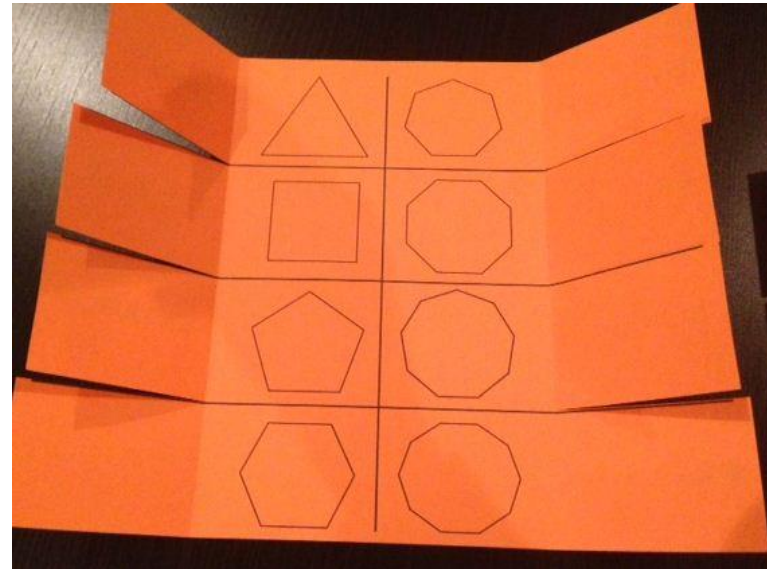
Number of Sides: 10

Sum of Interior Angles:  $1440^\circ$   
 $180(n - 2) = 180(10 - 2) = 180(8) = 1440^\circ$

Individual angle measure in a **regular decagon**:  $144^\circ$



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OR

