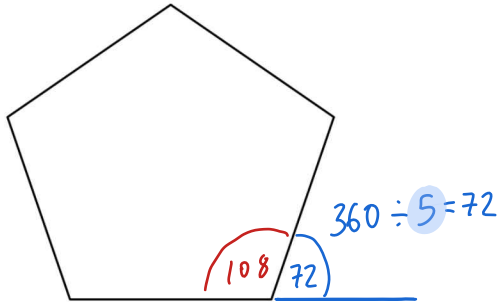
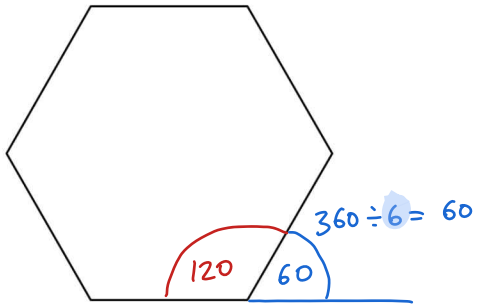
Regular Pentagon (5 sides)



Exterior Angle = 72°

Interior Angle = 180 - 72 = 108°

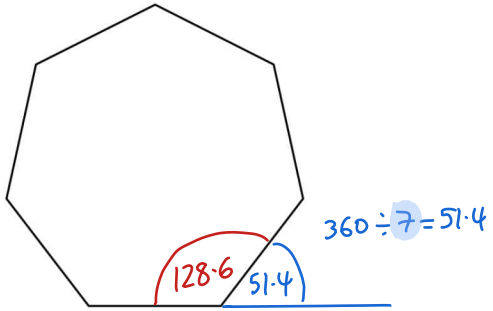
Regular Hexagon (6 sides)



Exterior Angle = 60°

Interior Angle = 180 - 60 = 120°

Regular Heptagon (7 sides)



Exterior Angle = 51·4°

Interior Angle = 180 - 51·4 = 128·6°

Exterior Angle of a regular polygon is 20°

180 ÷ 20 = 9 sides

Number of sides = 9

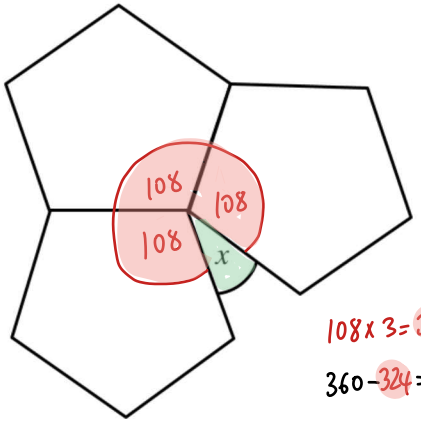
Interior Angle of a regular polygon is 165°

Exterior = 180 - 165 = 15

180 ÷ 15 = 12 sides

Number of sides = 12

Three Regular Pentagons

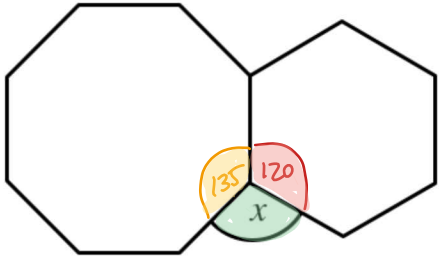


108 x 3 = 324

360 - 324 = 36

Angle x = 36°

Regular Octagon and Regular Hexagon



Octagon = 360 ÷ 8 = 45 (exterior)

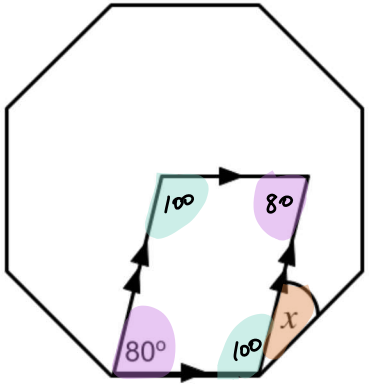
180 - 45 = 135 (interior)

135 + 120 = 255

360 - 255 = 105

Angle x = 105°

Regular Octagon and Parallelogram



135 - 100 = 35

Angle x = 35°

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