

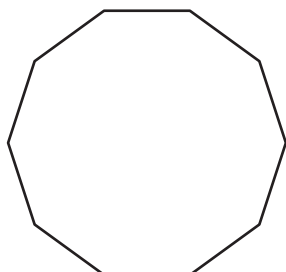
Name : _____

Sum of Interior Angles

MS1

Find the sum of the interior angles of each polygon.

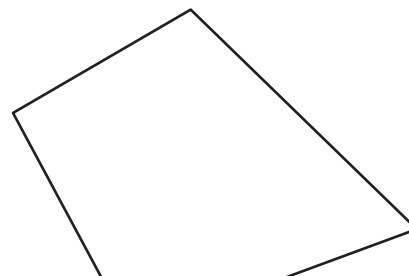
1)



Number of sides = _____

Sum of the interior angles = _____

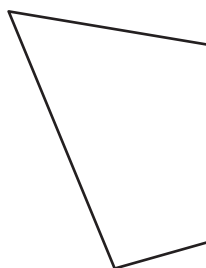
2)



Number of sides = _____

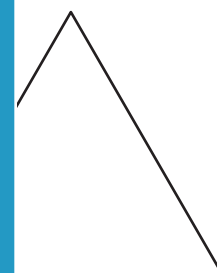
Sum of the interior angles = _____

3)



Number of sides = _____

Sum of the interior angles = _____



Number of sides = _____

Sum of the interior angles = _____

5) 12-gon

Number of sides = _____

Sum of the interior angles = _____

Number of sides = _____

Sum of the interior angles = _____

7) 18-gon

Number of sides = _____

Sum of the interior angles = _____

8) 14-gon

Number of sides = _____

Sum of the interior angles = _____

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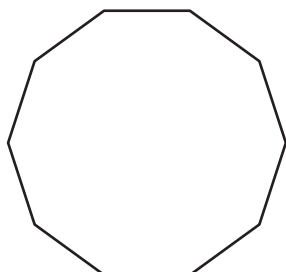
Answer key

Sum of Interior Angles

MS1

Find the sum of the interior angles of each polygon.

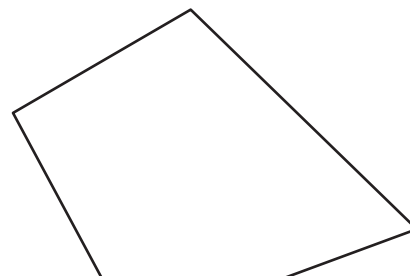
1)



Number of sides = 8

Sum of the interior angles = 1080°

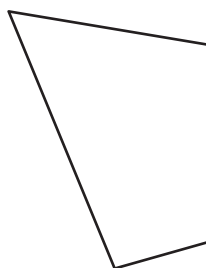
2)



Number of sides = 5

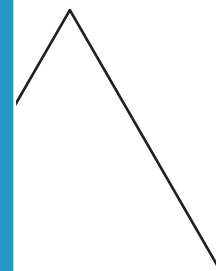
Sum of the interior angles = 540°

3)



Number of sides = 3

Sum of the interior angles = 180°



Number of sides = 3

Sum of the interior angles = 180°

5) 12-gon

Number of sides = 12

Sum of the interior angles = 1800°

Number of sides = 17

Sum of the interior angles = 2700°

7) 18-gon

Number of sides = 18

Sum of the interior angles = 2880°

8) 14-gon

Number of sides = 14

Sum of the interior angles = 2160°

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