

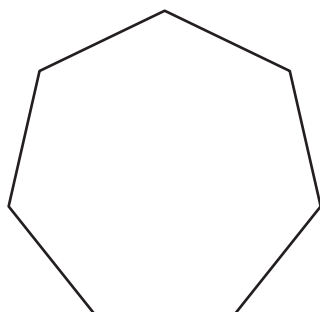
Name : \_\_\_\_\_

## Interior Angle

MS4

Find the interior angle of each regular polygon. Round your answer to the nearest tenth.

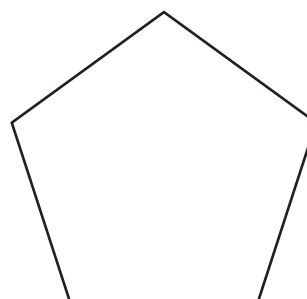
1)



Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_

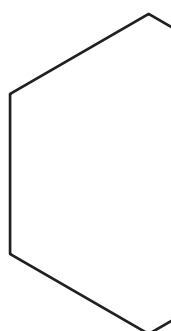
2)



Sum of the interior angles = \_\_\_\_\_

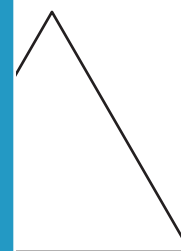
Each interior angle = \_\_\_\_\_

3)



Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_



Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_

5) regular 19-gon

Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_

7) regular 15-gon

Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_

8) regular 20-gon

Sum of the interior angles = \_\_\_\_\_

Each interior angle = \_\_\_\_\_

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Name : \_\_\_\_\_

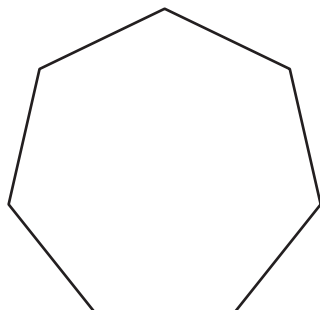
## Answer key

### Interior Angle

MS4

Find the interior angle of each regular polygon. Round your answer to the nearest tenth.

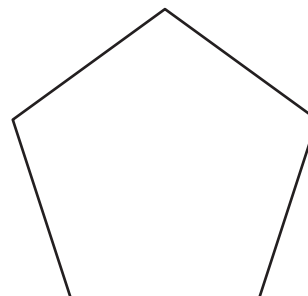
1)



Sum of the interior angles =

Each interior angle =

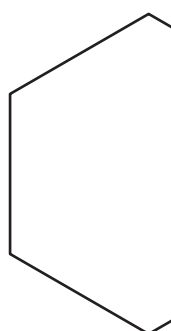
2)



Sum of the interior angles = 540°

Each interior angle = 108°

3)



Sum of the interior angles =

Each interior angle =

Sum of the interior angles = 180°

Each interior angle = 60°

5) regular 19-gon

Sum of the interior angles =

Each interior angle = 161.1°

Each interior angle = 147.3°

7) regular 15-gon

Sum of the interior angles = 2340°

Each interior angle = 156°

8) regular 20-gon

Sum of the interior angles = 3240°

Each interior angle = 162°

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