

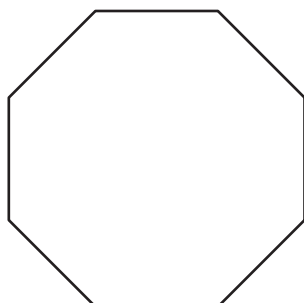
Name : _____

Interior Angle

MS3

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

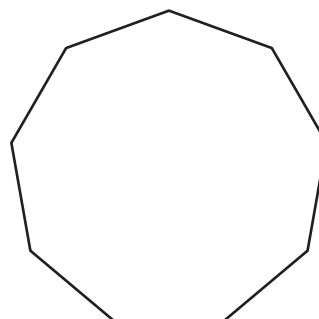
1)



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 11-gon

Sum of the interior angles = _____

Each interior angle = _____

Sum of the interior angles = _____

Each interior angle = _____

7) regular 17-gon

Sum of the interior angles = _____

Each interior angle = _____

8) regular 14-gon

Sum of the interior angles = _____

Each interior angle = _____

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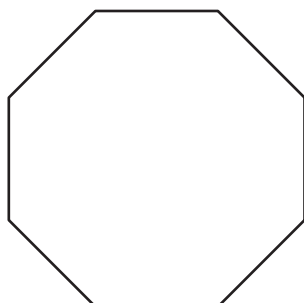
Answer key

Interior Angle

MS3

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

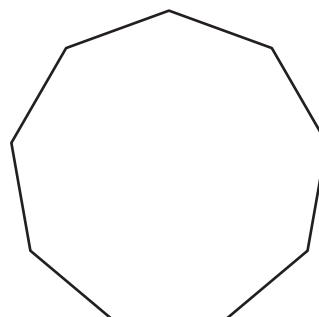
1)



Sum of the interior angles =

Each interior angle =

2)



Sum of the interior angles = 1260°

Each interior angle = 140°

3)



Sum of the interior angles =

Each interior angle =

Sum of the interior angles = 1440°

Each interior angle = 144°

5) regular 11-gon

Sum of the interior angles =

Each interior angle = 147.3°

Each interior angle = 152.3°

7) regular 17-gon

Sum of the interior angles = 2700°

Each interior angle = 158.8°

8) regular 14-gon

Sum of the interior angles = 2160°

Each interior angle = 154.3°

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