

NAME: _____

1. Compare the quantity in Column A with the quantity in Column B.

<u>Column A</u>	<u>Column B</u>
the measure of each exterior angle of a regular pentagon	the measure of each exterior angle of a regular hexagon

- [A] The quantity in Column A is greater. [B] The quantity in Column B is greater.
[C] The quantities are equal.
[D] The relationship cannot be determined on the basis of the information given.

2. Find the measure of one of the interior angles of a regular polygon with ten sides.

[A] 18° [B] 36° [C] 162° [D] 144°

3. Find the measure of one of the interior angles of a regular polygon with twelve sides.

[A] 150° [B] 30° [C] 165° [D] 15°

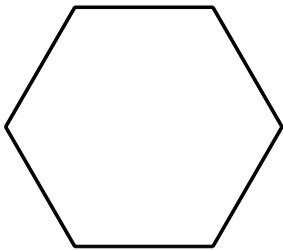
4. Find the measure of each interior angle of a regular heptagon.

5. Find the measure of each interior angle of a regular nonagon.

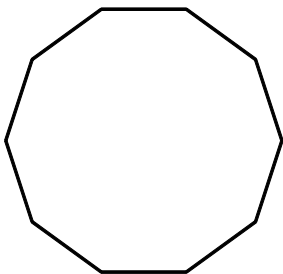
6. Find the measure of an interior angle and an exterior angle of a regular polygon with 8 sides.

7. Find the measure of an interior angle and an exterior angle of a regular polygon with 40 sides.

8. Find the sum of the measures of the interior angles in the figure.



9. Find the sum of the measures of the interior angles in the figure.



[1] A

[2] D

[3] A

[4] 128.571°

[5] 140°

[6] 45°, 135°

[7] 9°, 171°

[8] 720°

[9] 1440°