

6-1

Standardized Test Prep

The Polygon Angle-Sum Theorems

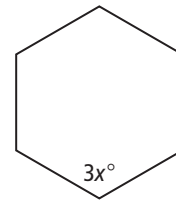
Gridded Response

Solve each exercise and enter your answer on the grid provided.

1. What is the sum of the interior angle measures of a regular octagon?

2. What is the measure of one interior angle of a regular 12-gon?

3. What is the value of x in the regular polygon at the right?



4. What is the measure of an exterior angle of a regular octagon?

5. If the measure of an exterior angle of a regular polygon is 24, how many sides does the polygon have?

Answers

1.	2.	3.	4.	5.