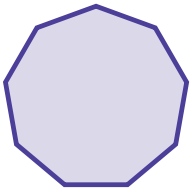
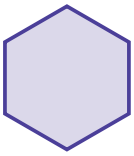
Polygon Angle Sums · 1

Find the sum of the interior angles of a polygon with 9 sides.



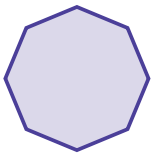
Polygon Angle Sums · 2

A regular polygon has 6 sides. Find the measure of each interior angle.



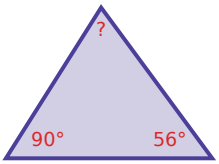
Polygon Angle Sums · 3

A regular polygon has 8 sides. Find the measure of each exterior angle.



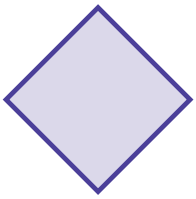
Polygon Angle Sums · 4

A triangle has angles of 90° and 56°. Find the third angle.



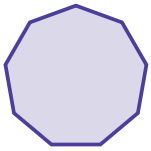

Polygon Angle Sums · 5

Find the sum of the interior angles of a polygon with 4 sides.



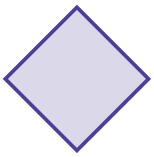
Polygon Angle Sums · 6

A regular polygon has 9 sides. Find the measure of each interior angle.



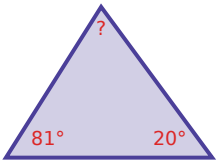
Polygon Angle Sums · 7

A regular polygon has 4 sides. Find the measure of each exterior angle.



Polygon Angle Sums · 8

A triangle has angles of 81° and 20°. Find the third angle.



Polygon Angle Sums · 2

**ANSWER**

**120**

Polygon Angle Sums · 1

**ANSWER**

**1260**

Polygon Angle Sums · 4

**ANSWER**

**34°**

Polygon Angle Sums · 3

**ANSWER**

**45**

Polygon Angle Sums · 6

**ANSWER**

**140**

Polygon Angle Sums · 5

**ANSWER**

**360**

Polygon Angle Sums · 8

**ANSWER**

**79°**

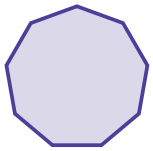
Polygon Angle Sums · 7

**ANSWER**

**90**

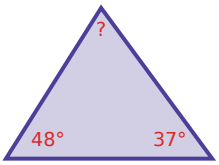
Polygon Angle Sums · 9

A regular polygon has 9 sides. Find the measure of each exterior angle.



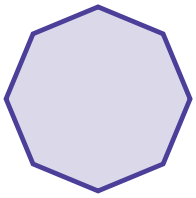
Polygon Angle Sums · 10

A triangle has angles of 48° and 37°. Find the third angle.



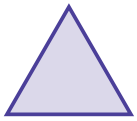

Polygon Angle Sums · 11

Find the sum of the interior angles of a polygon with 8 sides.



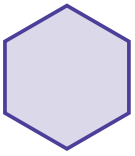
Polygon Angle Sums · 12

A regular polygon has 3 sides. Find the measure of each interior angle.



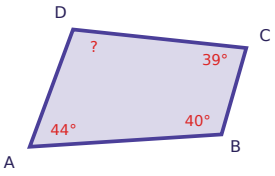
Polygon Angle Sums · 13

A regular polygon has 6 sides. Find the measure of each exterior angle.



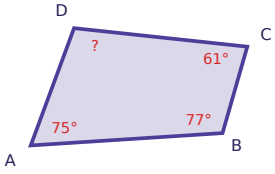
Polygon Angle Sums · 14

A quadrilateral has angles of 44°, 40°, and 39°. Find the fourth angle.



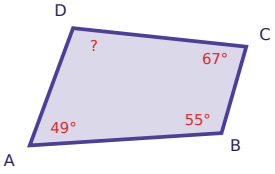

Polygon Angle Sums · 15

A quadrilateral has angles of 75°, 77°, and 61°. Find the fourth angle.




Polygon Angle Sums · 16

A quadrilateral has angles of 49°, 55°, and 67°. Find the fourth angle.



Polygon Angle Sums · 10

**ANSWER**

**95°**

Polygon Angle Sums · 9

**ANSWER**

**40**

Polygon Angle Sums · 12

**ANSWER**

**60**

Polygon Angle Sums · 11

**ANSWER**

**1080**

Polygon Angle Sums · 14

**ANSWER**

**237°**

Polygon Angle Sums · 13

**ANSWER**

**60**

Polygon Angle Sums · 16

**ANSWER**

**189°**

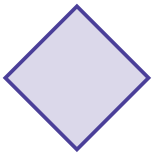
Polygon Angle Sums · 15

**ANSWER**

**147°**

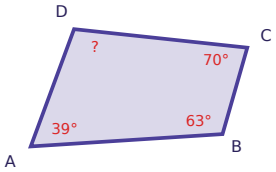
Polygon Angle Sums · 17

A regular polygon has 4 sides. Find the measure of each interior angle.



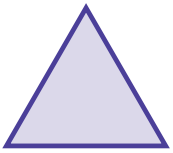
Polygon Angle Sums · 18

A quadrilateral has angles of 39°, 63°, and 70°. Find the fourth angle.



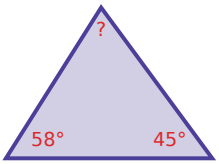

Polygon Angle Sums · 19

Find the sum of the interior angles of a polygon with 3 sides.



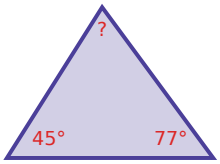
Polygon Angle Sums · 20

A triangle has angles of 58° and 45°. Find the third angle.



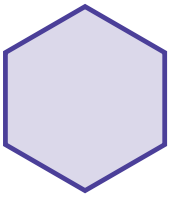

Polygon Angle Sums · 21

A triangle has angles of 45° and 77°. Find the third angle.



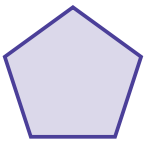

Polygon Angle Sums · 22

Find the sum of the interior angles of a polygon with 6 sides.



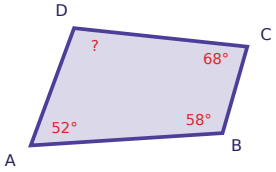
Polygon Angle Sums · 23

A regular polygon has 5 sides. Find the measure of each interior angle.



Polygon Angle Sums · 24

A quadrilateral has angles of 52°, 58°, and 68°. Find the fourth angle.



Polygon Angle Sums · 18

**ANSWER**

**188°**

Polygon Angle Sums · 17

**ANSWER**

**90**

Polygon Angle Sums · 20

**ANSWER**

**77°**

Polygon Angle Sums · 19

**ANSWER**

**180**

Polygon Angle Sums · 22

**ANSWER**

**720**

Polygon Angle Sums · 21

**ANSWER**

**58°**

Polygon Angle Sums · 24

**ANSWER**

**182°**

Polygon Angle Sums · 23

**ANSWER**

**108**