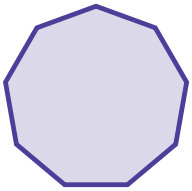
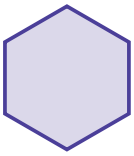
Polygon Angle Sums · 1

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



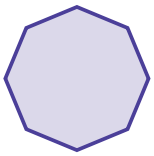
Polygon Angle Sums · 2

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



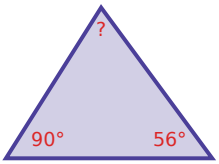
Polygon Angle Sums · 3

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



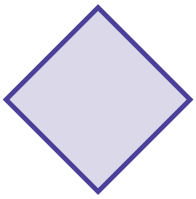
Polygon Angle Sums · 4

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



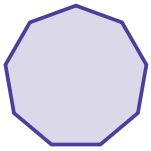
Polygon Angle Sums · 5

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



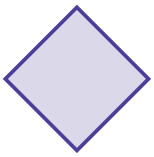
Polygon Angle Sums · 6

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



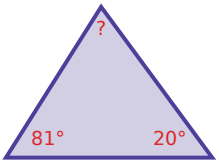
Polygon Angle Sums · 7

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°

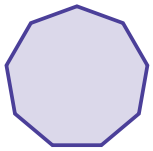
Polygon Angle Sums · 7

ANSWER

90

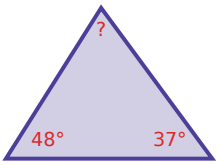
Polygon Angle Sums · 9

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



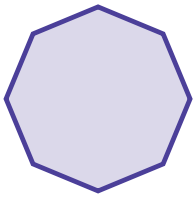
Polygon Angle Sums · 10

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



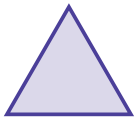
Polygon Angle Sums · 11

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



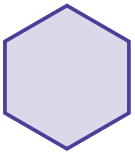
Polygon Angle Sums · 12

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



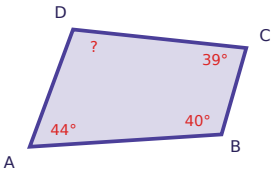
Polygon Angle Sums · 13

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



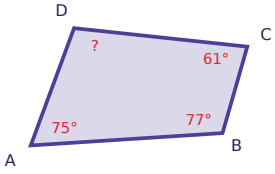
Polygon Angle Sums · 14

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



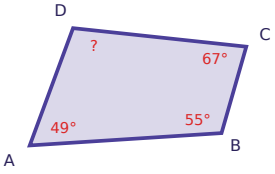
Polygon Angle Sums · 15

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°

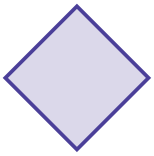
Polygon Angle Sums · 15

ANSWER

147°

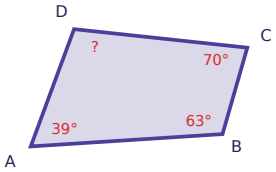
Polygon Angle Sums · 17

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



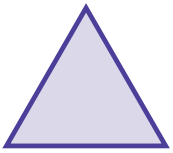
Polygon Angle Sums · 18

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



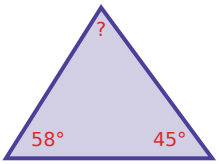
Polygon Angle Sums · 19

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



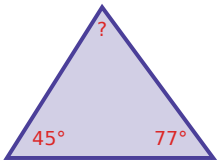
Polygon Angle Sums · 20

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



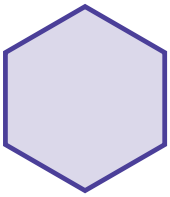
Polygon Angle Sums · 21

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



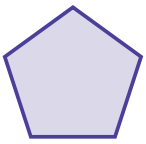
Polygon Angle Sums · 22

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



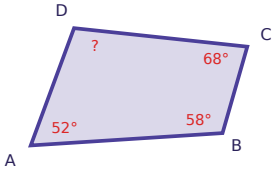
Polygon Angle Sums · 23

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