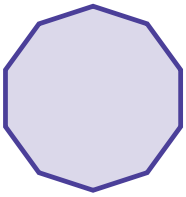
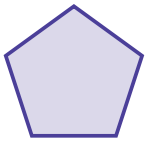
Polygon Angle Sums · 1

Find the sum of the interior angles of a polygon with 10 sides.



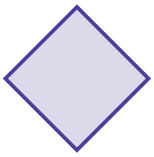
Polygon Angle Sums · 2

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



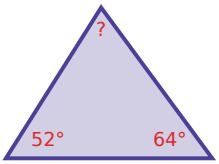
Polygon Angle Sums · 3

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



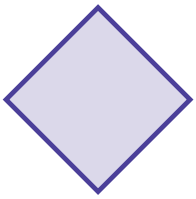
Polygon Angle Sums · 4

A triangle has angles of 52° and 64°. Find the third angle.



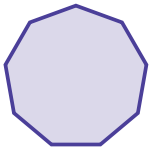
Polygon Angle Sums · 5

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



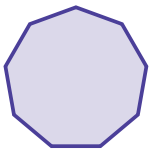
Polygon Angle Sums · 6

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



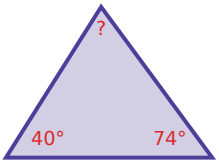
Polygon Angle Sums · 7

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



Polygon Angle Sums · 8

A triangle has angles of 40° and 74°. Find the third angle.



Polygon Angle Sums · 2

ANSWER

108

Polygon Angle Sums · 1

ANSWER

1440

Polygon Angle Sums · 4

ANSWER

64°

Polygon Angle Sums · 3

ANSWER

90

Polygon Angle Sums · 6

ANSWER

140

Polygon Angle Sums · 5

ANSWER

360

Polygon Angle Sums · 8

ANSWER

66°

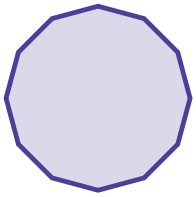
Polygon Angle Sums · 7

ANSWER

40

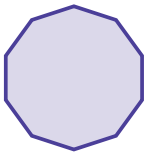
Polygon Angle Sums · 9

Find the sum of the interior angles of a polygon with 12 sides.



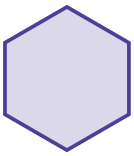
Polygon Angle Sums · 10

A regular polygon has 10 sides. Find the measure of each interior angle.



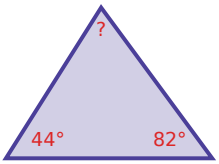
Polygon Angle Sums · 11

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



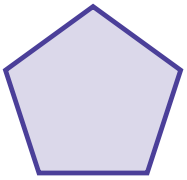
Polygon Angle Sums · 12

A triangle has angles of 44° and 82°. Find the third angle.



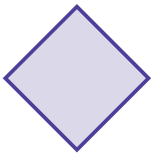
Polygon Angle Sums · 13

Find the sum of the interior angles of a polygon with 5 sides.



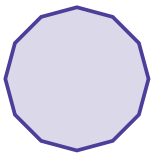
Polygon Angle Sums · 14

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



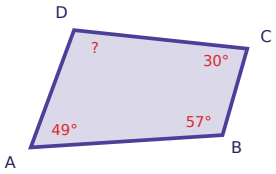
Polygon Angle Sums · 15

A regular polygon has 12 sides. Find the measure of each exterior angle.



Polygon Angle Sums · 16

A quadrilateral has angles of 49°, 57°, and 30°. Find the fourth angle.



Polygon Angle Sums · 10

ANSWER

144

Polygon Angle Sums · 9

ANSWER

1800

Polygon Angle Sums · 12

ANSWER

54°

Polygon Angle Sums · 11

ANSWER

60

Polygon Angle Sums · 14

ANSWER

90

Polygon Angle Sums · 13

ANSWER

540

Polygon Angle Sums · 16

ANSWER

224°

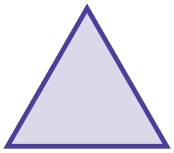
Polygon Angle Sums · 15

ANSWER

30

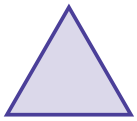
Polygon Angle Sums · 17

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



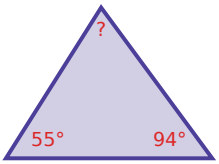
Polygon Angle Sums · 18

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



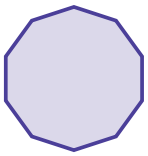
Polygon Angle Sums · 19

A triangle has angles of 55° and 94°. Find the third angle.



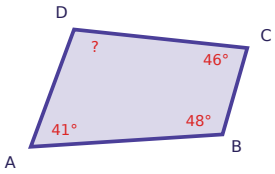
Polygon Angle Sums · 20

A regular polygon has 10 sides. Find the measure of each exterior angle.



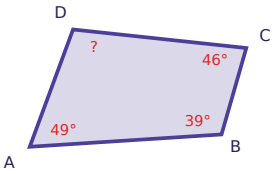
Polygon Angle Sums · 21

A quadrilateral has angles of 41°, 48°, and 46°. Find the fourth angle.



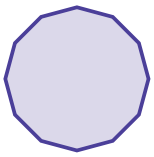
Polygon Angle Sums · 22

A quadrilateral has angles of 49°, 39°, and 46°. Find the fourth angle.



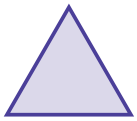
Polygon Angle Sums · 23

A regular polygon has 12 sides. Find the measure of each interior angle.



Polygon Angle Sums · 24

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



Polygon Angle Sums · 18

ANSWER

60

Polygon Angle Sums · 17

ANSWER

180

Polygon Angle Sums · 20

ANSWER

36

Polygon Angle Sums · 19

ANSWER

31°

Polygon Angle Sums · 22

ANSWER

226°

Polygon Angle Sums · 21

ANSWER

225°

Polygon Angle Sums · 24

ANSWER

120

Polygon Angle Sums · 23

ANSWER

150