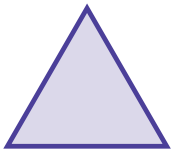
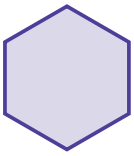
Polygon Angle Sums · 1

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



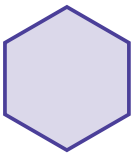
Polygon Angle Sums · 2

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



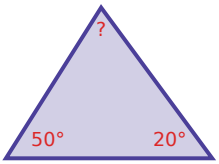
Polygon Angle Sums · 3

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



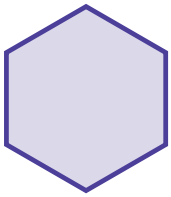
Polygon Angle Sums · 4

A triangle has angles of 50° and 20°. Find the third angle.



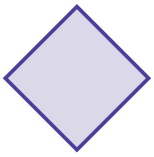
Polygon Angle Sums · 5

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



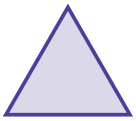
Polygon Angle Sums · 6

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



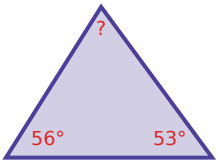
Polygon Angle Sums · 7

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



Polygon Angle Sums · 8

A triangle has angles of 56° and 53°. Find the third angle.



Polygon Angle Sums · 2

ANSWER

120

Polygon Angle Sums · 1

ANSWER

180

Polygon Angle Sums · 4

ANSWER

110°

Polygon Angle Sums · 3

ANSWER

60

Polygon Angle Sums · 6

ANSWER

90

Polygon Angle Sums · 5

ANSWER

720

Polygon Angle Sums · 8

ANSWER

71°

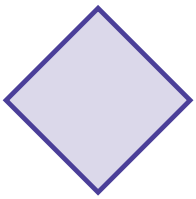
Polygon Angle Sums · 7

ANSWER

120

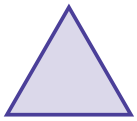
Polygon Angle Sums · 9

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



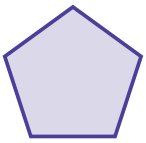
Polygon Angle Sums · 10

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



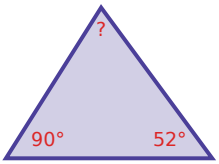
Polygon Angle Sums · 11

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



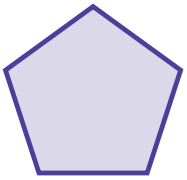
Polygon Angle Sums · 12

A triangle has angles of 90° and 52°. Find the third angle.



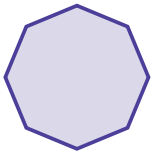
Polygon Angle Sums · 13

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



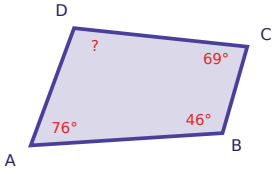
Polygon Angle Sums · 14

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



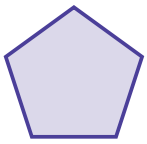
Polygon Angle Sums · 15

A quadrilateral has angles of 76°, 46°, and 69°. Find the fourth angle.



Polygon Angle Sums · 16

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



Polygon Angle Sums · 10

ANSWER

60

Polygon Angle Sums · 9

ANSWER

360

Polygon Angle Sums · 12

ANSWER

38°

Polygon Angle Sums · 11

ANSWER

72

Polygon Angle Sums · 14

ANSWER

135

Polygon Angle Sums · 13

ANSWER

540

Polygon Angle Sums · 16

ANSWER

108

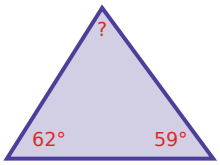
Polygon Angle Sums · 15

ANSWER

169°

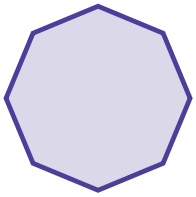
Polygon Angle Sums · 17

A triangle has angles of 62° and 59°. Find the third angle.



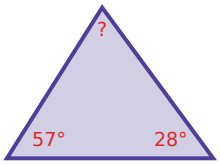
Polygon Angle Sums · 18

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



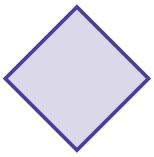
Polygon Angle Sums · 19

A triangle has angles of 57° and 28°. Find the third angle.



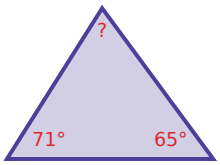
Polygon Angle Sums · 20

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



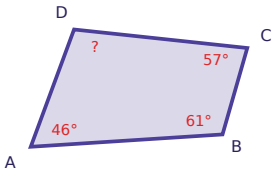
Polygon Angle Sums · 21

A triangle has angles of 71° and 65°. Find the third angle.



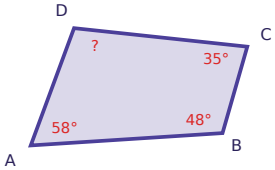
Polygon Angle Sums · 22

A quadrilateral has angles of 46°, 61°, and 57°. Find the fourth angle.



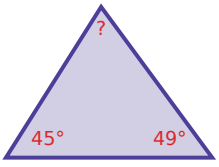
Polygon Angle Sums · 23

A quadrilateral has angles of 58°, 48°, and 35°. Find the fourth angle.



Polygon Angle Sums · 24

A triangle has angles of 45° and 49°. Find the third angle.



Polygon Angle Sums · 18

ANSWER

1080

Polygon Angle Sums · 17

ANSWER

59°

Polygon Angle Sums · 20

ANSWER

90

Polygon Angle Sums · 19

ANSWER

95°

Polygon Angle Sums · 22

ANSWER

196°

Polygon Angle Sums · 21

ANSWER

44°

Polygon Angle Sums · 24

ANSWER

86°

Polygon Angle Sums · 23

ANSWER

219°