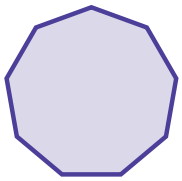
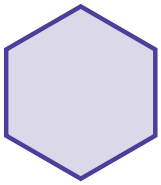
Task card 1 Polygon Angle Sums

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



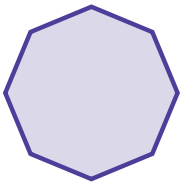
Task card 2 Polygon Angle Sums

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



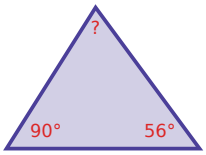
Task card 3 Polygon Angle Sums

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



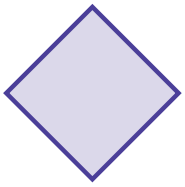
Task card 4 Polygon Angle Sums

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



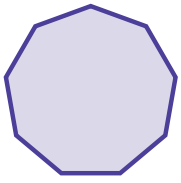
Task card 5 Polygon Angle Sums

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



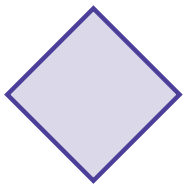
Task card 6 Polygon Angle Sums

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



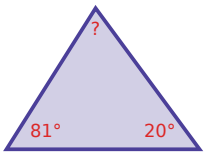
Task card 7 Polygon Angle Sums

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



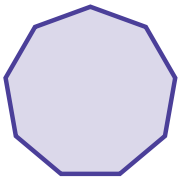
Task card 8 Polygon Angle Sums

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



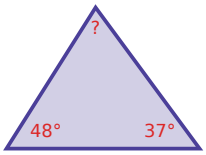
Task card 9 Polygon Angle Sums

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



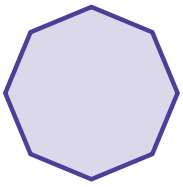
Task card 10 Polygon Angle Sums

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



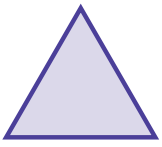
Task card 11 Polygon Angle Sums

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



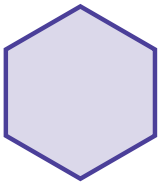
Task card 12 Polygon Angle Sums

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



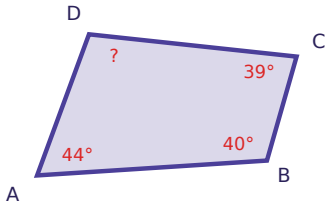
Task card 13 Polygon Angle Sums

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



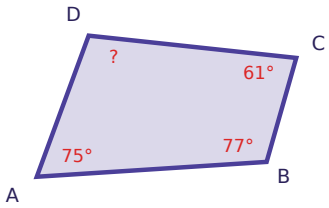
Task card 14 Polygon Angle Sums

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



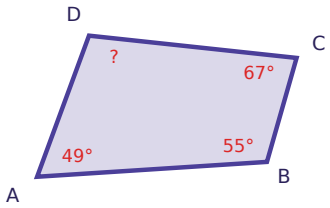
Task card 15 Polygon Angle Sums

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



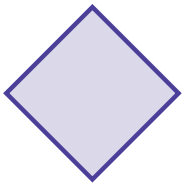
Task card 16 Polygon Angle Sums

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



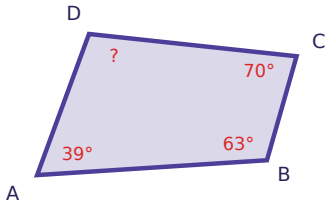
Task card 17 Polygon Angle Sums

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



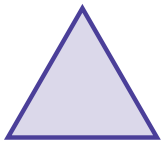
Task card 18 Polygon Angle Sums

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



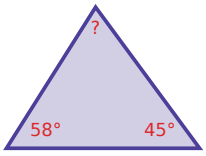
Task card 19 Polygon Angle Sums

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



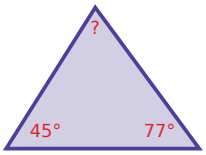
Task card 20 Polygon Angle Sums

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



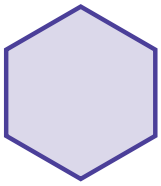
Task card 21 Polygon Angle Sums

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



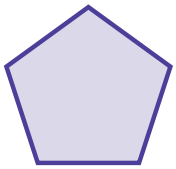
Task card 22 Polygon Angle Sums

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



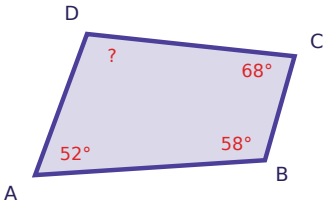
Task card 23 Polygon Angle Sums

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



Task card 24 Polygon Angle Sums

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



Polygon Angle Sums Task Cards

Recording sheet · Grade 10 · Solve each problem.

Name: _____ Date: _____

Scan to check your answers

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20
21	22	23	24

Polygon Angle Sums Task Cards: Answer Key

Grade 10 · Medium

The answers online

1. 1260	**2.** 120	**3.** 45
4. 34°	**5.** 360	**6.** 140
7. 90	**8.** 79°	**9.** 40
10. 95°	**11.** 1080	**12.** 60
13. 60	**14.** 237°	**15.** 147°
16. 189°	**17.** 90	**18.** 188°
19. 180	**20.** 77°	**21.** 58°
22. 720	**23.** 108	**24.** 182°