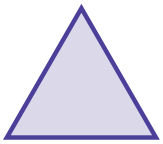
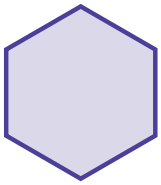
Task card 1 Polygon Angle Sums

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



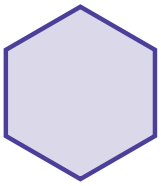
Task card 2 Polygon Angle Sums

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



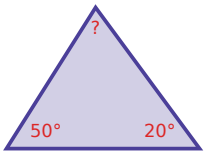
Task card 3 Polygon Angle Sums

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



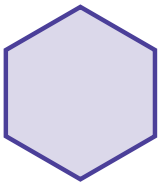
Task card 4 Polygon Angle Sums

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



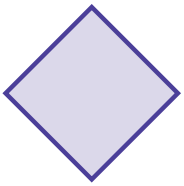
Task card 5 Polygon Angle Sums

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



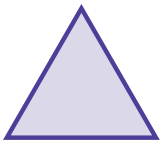
Task card 6 Polygon Angle Sums

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



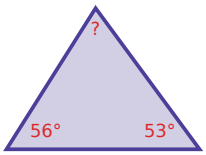
Task card 7 Polygon Angle Sums

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



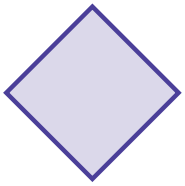
Task card 8 Polygon Angle Sums

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



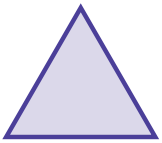
Task card 9 Polygon Angle Sums

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



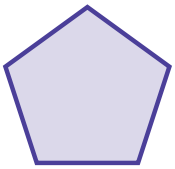
Task card 10 Polygon Angle Sums

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



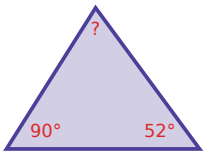
Task card 11 Polygon Angle Sums

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



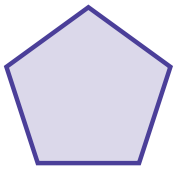
Task card 12 Polygon Angle Sums

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



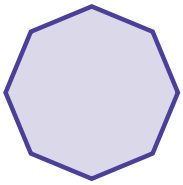
Task card 13 Polygon Angle Sums

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



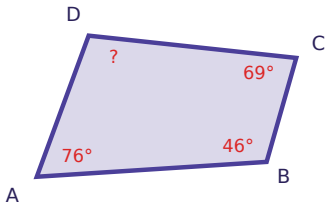
Task card 14 Polygon Angle Sums

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



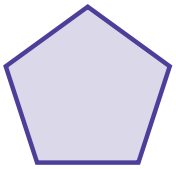
Task card 15 Polygon Angle Sums

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



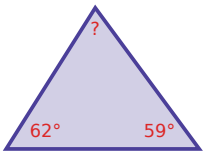
Task card 16 Polygon Angle Sums

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



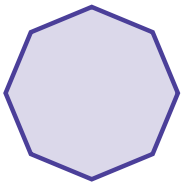
Task card 17 Polygon Angle Sums

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



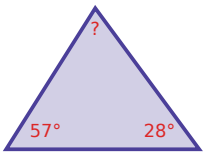
Task card 18 Polygon Angle Sums

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



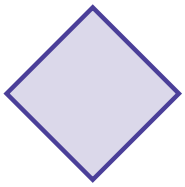
Task card 19 Polygon Angle Sums

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



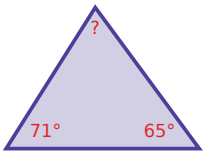
Task card 20 Polygon Angle Sums

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



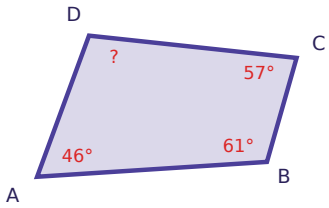
Task card 21 Polygon Angle Sums

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



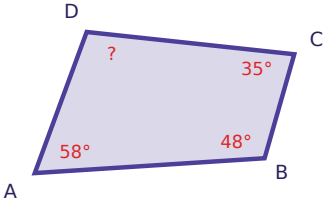
Task card 22 Polygon Angle Sums

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



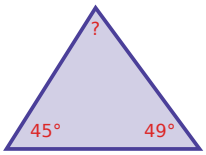
Task card 23 Polygon Angle Sums

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



Task card 24 Polygon Angle Sums

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

The answers online

1. 180	**2.** 120	**3.** 60
4. 110°	**5.** 720	**6.** 90
7. 120	**8.** 71°	**9.** 360
10. 60	**11.** 72	**12.** 38°
13. 540	**14.** 135	**15.** 169°
16. 108	**17.** 59°	**18.** 1080
19. 95°	**20.** 90	**21.** 44°
22. 196°	**23.** 219°	**24.** 86°