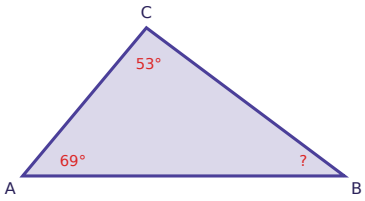
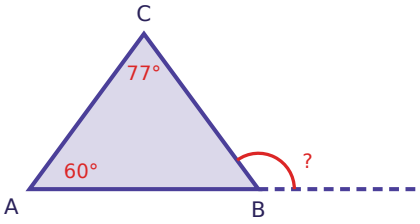
Task card 1 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 69° and 53°. Find the third angle.



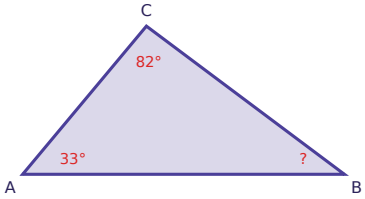
Task card 2 Triangle Angle Sum & Exterior Angl...

Find the measure of the exterior angle at B.



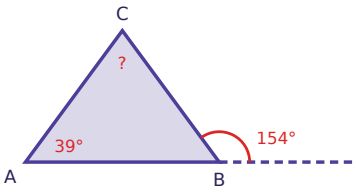
Task card 3 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 33° and 82°. Find the third angle.



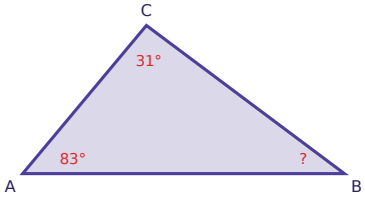
Task card 4 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



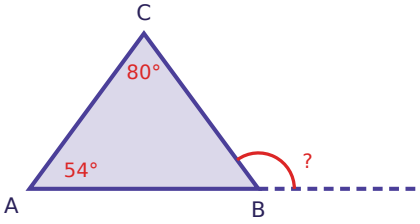
Task card 5 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 83° and 31°. Find the third angle.



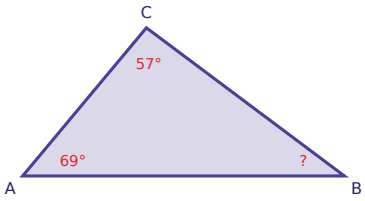
Task card 6 Triangle Angle Sum & Exterior Angl...

Find the measure of the exterior angle at B.



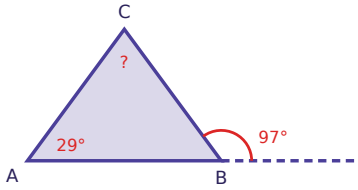
Task card 7 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 69° and 57°. Find the third angle.



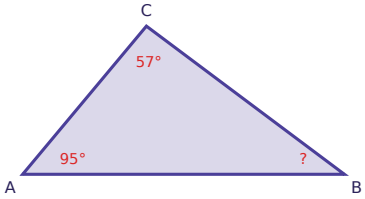
Task card 8 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



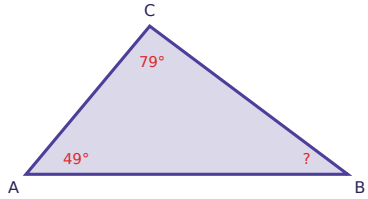
Task card 9 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 95° and 57°. Find the third angle.



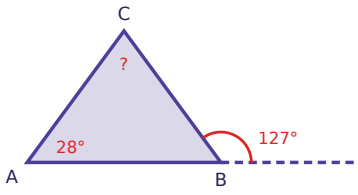
Task card 10 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 49° and 79°. Find the third angle.



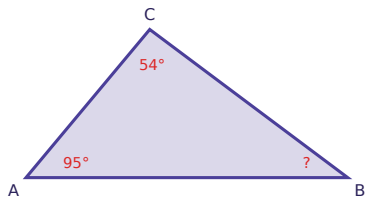
Task card 11 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



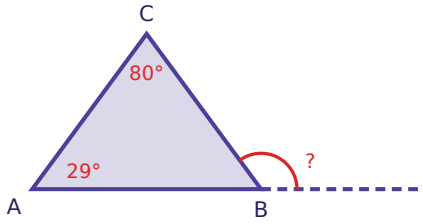
Task card 12 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 95° and 54°. Find the third angle.



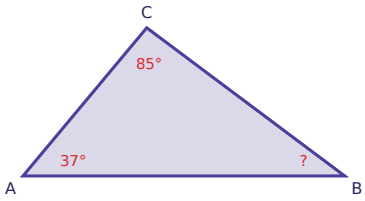
Task card 13 Triangle Angle Sum & Exterior Angl...

Find the measure of the exterior angle at B.



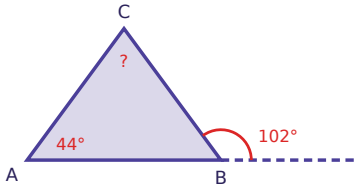
Task card 14 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 37° and 85°. Find the third angle.



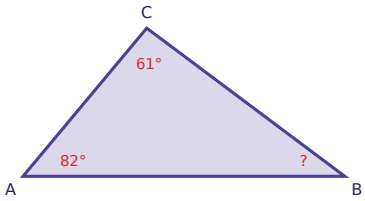
Task card 15 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



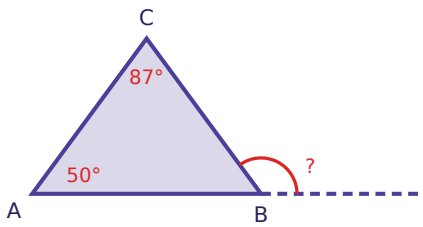
Task card 16 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 82° and 61°. Find the third angle.



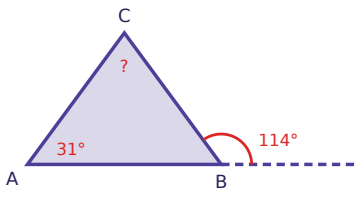
Task card 17 Triangle Angle Sum & Exterior Angl...

Find the measure of the exterior angle at B.



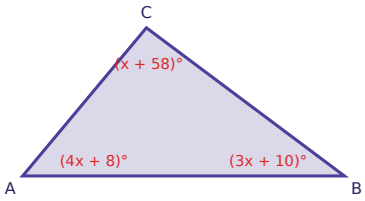
Task card 18 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



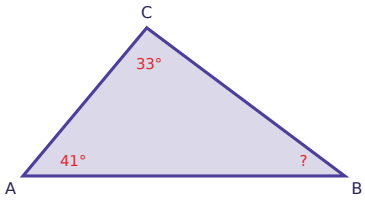
Task card 19 Triangle Angle Sum & Exterior Angl...

The angles of a triangle are (4x + 8)°, (3x + 10)°, (x + 58)°. Find x.



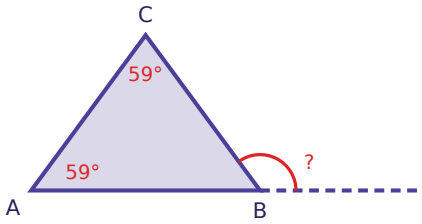
Task card 20 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 41° and 33°. Find the third angle.



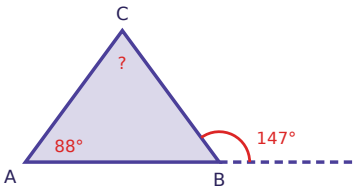
Task card 21 Triangle Angle Sum & Exterior Angl...

Find the measure of the exterior angle at B.



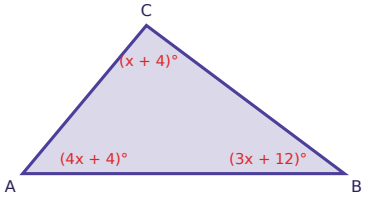
Task card 22 Triangle Angle Sum & Exterior Angl...

The exterior angle at B is shown. Find the measure of the angle at C.



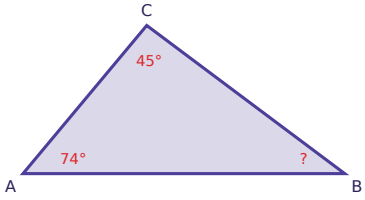
Task card 23 Triangle Angle Sum & Exterior Angl...

The angles of a triangle are (4x + 4)°, (3x + 12)°, (x + 4)°. Find x.



Task card 24 Triangle Angle Sum & Exterior Angl...

Two angles of a triangle measure 74° and 45°. Find the third angle.



Triangle Angle Sum & Exterior Angles Task Cards

Recording sheet · Grade 8 · Find each missing angle or the value of x. Figures are not drawn to scale; write numbers without the ° sign.

Scan to check your answers

Name: _____ Date: _____

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

Triangle Angle Sum & Exterior Angles Task Cards: Answer Key

Grade 8 · Easy

The answers online

1. 58	**2.** 137	**3.** 65
4. 115	**5.** 66	**6.** 134
7. 54	**8.** 68	**9.** 28
10. 52	**11.** 99	**12.** 31
13. 109	**14.** 58	**15.** 58
16. 37	**17.** 137	**18.** 83
19. x = 13	**20.** 106	**21.** 118
22. 59	**23.** x = 20	**24.** 61